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FLORA
OF
DORSETSHIRE

J. C. MANSEL-PLYDELL, B.A.



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FLORA OF DORSETSHIRE,

OR

A CATALOGUE OF PLANTS

FOUND IN THE

COUNTY OF DORSET.

WITH SKETCHES OF ITS GEOLOGY AND PHYSICAL
GEOGRAPHY.

BY

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DEDICATED TO
HEWETT COTTRELL WATSON, ESQ.
AUTHOR OF CYBELE BRITANNICA, TOPOGRAPHICAL BOTANY, AND
OTHER WORKS,
WHICH SET FORTH ONE OF THE MOST INTERESTING BRANCHES
OF THE SCIENCE, VIZ.
THE GEOGRAPHY OF BRITISH PLANTS,
BY HIS SINCERE FRIEND,
J. C. MANSEL-PLYDELL

PREFACE.

I SHALL be satisfied if the following pages afford some assistance in the study of our native plants; especially with regard to that branch of botanical science which investigates their relation with the plants of other countries and ages. Although the departments of geographical and palæontological botany are still in an imperfect state, our acquaintance with those interesting divisions of the science is daily enlarging through the ever-increasing communication with all parts of the world. The study of Botany is now taking that place in our University courses which will be an additional means towards raising it above the limited sphere of an acquaintance only with the name and facies of a plant to the more comprehensive view of its affinity with the general vegetation of our globe. Its application to agriculture, and a careful examination into the chemistry of plants by eminent men, such as Liebig, Johnston, and others, have led to important and useful results.

Several of our English counties are already furnished with local Floras; one is nearly completed for Wiltshire by Mr. Flower, and another, for the neighbouring county of Hants, is on the eve of its commencement. The *Cybele Britannica*, and subsequent works, by Mr. Hewett C. Watson, comprising six 8vo volumes, give a valuable history of every British plant, and its extension beyond the limits of our island. *Cybele Hibernica*, by Messrs. Moore and More, follows Mr. Watson's plan with regard to the

Irish plants. Dr. Hooker, Mr. Bentham, M. De Candolle, and others, have applied themselves to still wider spheres of comparison. Simultaneous with this investigation of the horizontal or superficial distribution of plants, Mr. Carruthers and other botanists are devoting attention to their vertical distribution in the various strata which constitute the earth's crust, by which it is ascertained that several members of the *flora* of past ages have their living representatives now.

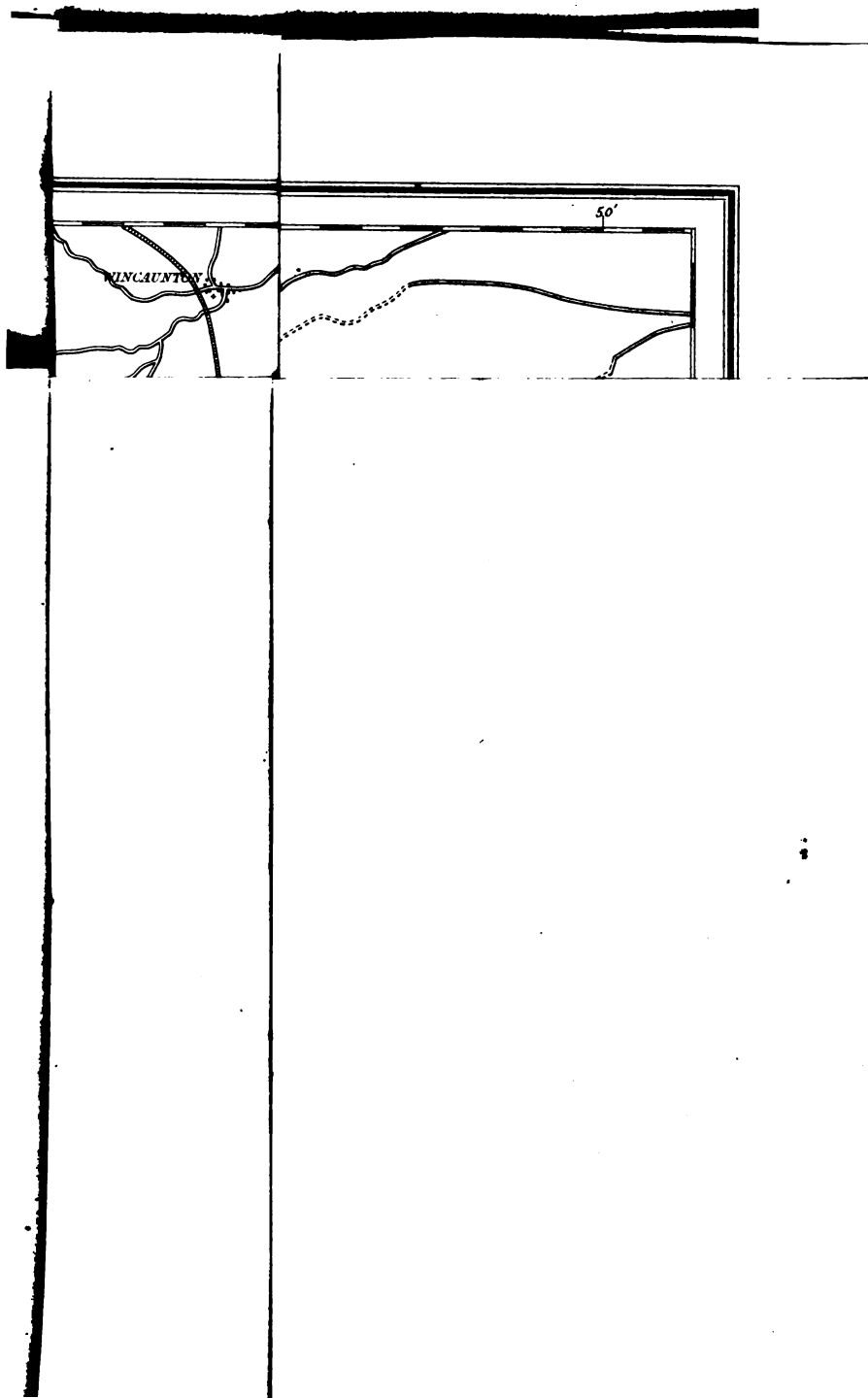
A uniformity in the elements of our soil may account for the absence of some plants growing elsewhere in Great Britain, where granites, serpentines, porphyries, &c. prevail. But this is compensated for by our maritime position and the mildness of our climate, which allow others to flourish in Dorset, while absent from most of the English counties.

I am deeply indebted to the Rev. A. Bloxam and Mr. J. G. Baker for helping me to identify the *Rubi*, *Rosæ*, and *Salici* of the county. Also to Mr. J. W. Green, whose assistance I omitted to acknowledge in its proper place.

J. C. MANSEL-PLEYDELL.

Montpellier,

February 28, 1874



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INTRODUCTION.

As early as the sixth century Dorsetshire formed a part of the kingdom of Wessex, long before the days of its supremacy, and ere the old British kingdom had lost its hold on the country south of the British Channel. Its name suggests a Teutonic origin, the final syllable, like that of Somerset, being derived from *sætan*, to settle. Compared with other counties, Dorsetshire is small, having an area of 632,025 acres, or 988 square miles. In 1870, 453,965 acres were under cultivation, leaving 178,060 for permanent pasture, heaths, woods, moorlands, and the insignificant portion occupied by towns, villages, and roads. The shape of Dorset is triangular, having its apex on the Devonshire, and its base on the Hampshire, boundary; a narrow spur at Hawksworth runs between a part of Devonshire on one side, and of Somersetshire on the other, and a broader one penetrates some distance into Wiltshire; with these exceptions the triangle is nearly regular. Its greatest length is from Lyme Regis to Cranborne, and its greatest breadth from Weymouth to Silton.

The coast-line has an eastern aspect from Bournemouth to Durlleston Head, where it suddenly takes a southerly direction, which it retains almost uniformly to Lyme Regis. At Poole and Weymouth it presents two deep indentations, besides several minor ones at Studland, Swanage, Chapman's Pool, Kimeridge, Worthbarrow, and Lulworth Cove.

The inland border of the county is marked almost exclusively by an artificial line, an insignificant portion only of it being bounded by sections of the Yeo and the Axe. Four primary ranges of hills running east and west inclose valleys of varied breadth, the most considerable of which is the Vale of Blackmore, occupying about one-third of the county. The preponderance of clays (Oxford and Kimeridge), as well as the Liassic

district of Lyme Regis, favour the cultivation of the land for the maintenance of dairies. On the other hand the limestone district of the north-western side of Dorset shares equally a rich pasturage with the arable, while the elevated tract of chalk land which nearly encircles the county is almost exclusively devoted to the cultivation of corn, roots, and forage, sustaining large flocks of sheep, the superiority of which gives the Dorsetshire farmer a preeminence in the agricultural world. The heath district, which extends from Wimborne and Poole to the neighbourhood of Dorchester, and from Bere Regis to the flanks of the Purbeck range, is, for the most part, arid and sterile; but, through the indefatigable exertions of man, several acres are annually rescued from their normal condition. To the botanist, however, these wastes are of inestimable value, serving as an asylum to many a plant, whose extirpation is risked by the plough and drain-pipe. The disappearance of some particular plant continually occurs as, for instance, within our own knowledge, through the drainage of a bog near Corfo Castle, the *Parnassia palustris*, grass of Parnassus, observed by Pulteney in the last century, and gathered by the Rev. W. M. Heath, Rector of Lytchett Matravers, as late as 1858. It had made no progress in the interval, but remained confined to this isolated spot, living there, as it were by sufferance, on the confines of an horizon prescribed by the inscrutable laws of vegetable life.

We fear the grass of Parnassus no longer exists in the county; but any regrets, arising from the loss of this or any other rare plant through the reclamation of our waste lands, must vanish when we place in the balance the enlarged area for the employment of labour, and a material contribution to our national wealth, by an extended acreage of cultivated land.

METEOROLOGY.

The climate of a place depends mainly on its distance from the equator, its altitude with reference to the sea-level, and its position, whether continental or insular; the more detailed points are its extreme summer and winter temperatures and rainfall. Of the six zones into which the temperature of the world is divided, Great Britain is in the temperate zone, which extends into latitude 52° ; in England and Ireland 53° ; in Asia as low as 40° . On ascending a mountain or moving from the equator to the poles the traveller experiences a similar fall of the temperature. Humboldt observed on the sides of Teneriffe the vegetation of nearly every climate in the world. "We may begin the ascent of the Alps in the midst of vineyards and pass through a succession of Oaks and Beeches till we gain the climate of the more hardy Pines and stunted Birch and tread on pastures fringed by borders of perpetual snow." Some plants are dependent upon the lowest temperature of winter, others, such as the Vine, the Maize and the Olive, depend upon the greatest amount of summer heat; Barley is said to ripen when the mean temperature of ninety consecutive days rises to 48° . Very hot and cold seasons tend but slightly to raise or depress the mean annual temperature. To this constancy the structure of plants is adapted, for if the mean average temperature varies as much as five or six degrees they languish and die. The mean annual temperature of St. Petersburg is 39° , of London 50° , of Rome 60° , and of Cairo 72° . The lines passing over the earth's surface having the same mean annual temperature are called the isothermal lines; they run nearly parallel to the equator, bending north or south, in proportion to the physical influences which surround them. The Gulf-stream is one of these influences, affecting most materially the climate of Great Britain, whose latitude is the same as that part of Siberia, which just escapes the limits of perpetual frozen ground. This oceanic current, which acts as a distributor of the salt left behind in the tropics by evaporation, is propelled from the Gulf of Mexico, where it meets the coast and passes the British Isles in its course to the North Sea. Its temperature in mid-ocean on a winter's day is higher by 20° or even 30° than that of the adjoining sea.

The relative distribution of land and water, the latitude and altitude of mountain ranges, or vast continental depressions, also affect climate by the important influences they have upon the condensation of rain. The annual average of rainy days in England and on the west coast of France is 152, in the interior

of France 141, only 60 in the centre of Siberia; in many parts of Africa rain never falls. Each plant requires conditions common to the group of which it is a unit, to maintain its place in the struggle of life, and the farther it is removed from its centre, or the spot most favourable for the development of that group, the more difficult will be the struggle. The Palms entombed in the plastic clays of Corfe Castle prove that there was a high temperature in Dorsetshire during the Eocene period.

In the more recent tufaceous beds of Montferrier in the neighbourhood of Montpellier, proof is afforded of a subsequent change of climate in Europe. Of thirty species of plants collected there by M. Planchon, nine have abandoned the valley of the Lez, four of which do not grow nearer than Italy, Corsica, and the Balearic Isles.

Very remarkable and interesting facts have been made known of the condition of the Atlantic sea bed by deep-sea dredging. Mr. J. G. Jeffreys states as the result of observations made on board H.M.S. Porcupine, that stony ground does not extend beyond about 550 fathoms; at greater depths it is covered with mud, technically called "ooze." He brings forward proofs that abyssal life is not merely represented by microscopic organisms, but by higher types furnished with visual organs; leading to the inference that light permeates the sea to its profoundest depth. It is a question whether there is not now a deposition in course of formation similar to that of the chalk. The researches of Professor Rupert Jones confirm the idea that life, at least in its lower forms, has continued uninterruptedly from age to age, and that the *entomostraca* especially have contributed to form the carbonate of lime in the various limestone rocks of every period.

The patient investigation and scientific comparison of the ancient with the recent Flora, in which botanists are engaged, leads to the conclusion that the line of separation is not so great. Mr. Carruthers, in his memoir upon *Caulopteris punctata*, Goepp, from the Greensand at Shaftesbury, considers this tree fern to be allied to the recent genus *Dicksonia*—this Dorsetshire specimen exhibits proofs of seasonal influence caused by an alternation of temperature. An Aroid from the Stonesfield Slate leads this eminent botanist to the conclusion that it is closely allied to a recent species of *Xanthosoma*, a West Indian plant. He determines the existence of Coniferæ from the Old Red Sandstone period, and that of *Cycadeæ* subsequent to the palæozoic age. Among the Coniferæ reviewed by him^a are *Pinites oblongus*, found at Lyme Regis, *Pinites depressus*, Kime-

^a Geol. Mag. 1865, p. 484.

ridge Clay near Weymouth, and *Pinites Fittoni* in Purbeck; he considers the latter to be allied to the Scotch fir. Dr. Buckland figured and described in the Bridgwater Treatise a fruit from the Inferior Oolite at Charmouth, to which he gave the name of *Podocarya*; it has been unfortunately lost. Mr. Carruthers considers it to have belonged to the family of *Pandaneæ*, or Screw Pines. The fossil trees of Portland, whose trunks lie scattered in the limestones of the island, and of Purbeck, as well as the silicified wood, are conifers.

GEOLOGY.

The Geology of Dorset presents an almost consecutive series of formations from the liassic to the quaternary. The Rhoetic beds, which have so large a development in the neighbouring counties of Somerset and Gloucester, just touch the confines of the county near Lyme Regis, and were described by Mr. Bristow, Director of the Government Geological Survey, at the Bath meeting of the British Association in 1864, as everywhere underlying the true liassic strata. They consist chiefly of a central mass of black shale resting on, and passing into, the underlying Keuper marls; whilst their upper division, which forms the base of the lias, characterised by the presence of *Ammonites planorbis*, and *Ostrea liassica*, is composed of beds of marl and marly or argillaceous limestone. Their upper limit is well marked by the white lias, which, in Mr. Bristow's opinion, forms its uppermost member. The number of fossils from these beds is considerable, comprising thirty-two genera and fifty one species of shells, six genera and seven species of fish, two reptiles, and one mammal. Of these *Monotis* (*Avicula*) *decussata* is the only species common to this and the overlying liassic formation, although there is no marked lithological break, nor observable unconformity.

LIAS.—The lower Lias, which is extensively shown at Lyme Regis, has been, until recently, massed as an indivisible series of clay, shales, and limestones. Palæontologists have now divided it into six zones, each of which is particularly marked by its own group of fossils, especially by ammonites: but this grouping has not been found to hold good over large areas. From Devonshire to Yorkshire the divisions, upper, middle, and lower, are said to be generally constant, and no actual unconformity is known from the bottom of the lower to the top of the upper lias. The zones thus adopted in an ascending order, are, 1. *Ammonites planorbis* zone; 2. *Ammonites Bucklandi*; 3. *Ammonites Turneri*; 4. *Ammonites obtusus*; 5. *Ammonites*

oxynotus; 6. *Ammonites raricostatus*. The *Ammonites Bucklandi* zone attains a thickness of more than eighty feet at Lyme, consisting of grey limestones, alternating with marls and shales; its lower division is characterised by *Ammonites angulatus*, and contains four species of Ichthyosauri. The *Ammonites Turneri* zone is characterised by several species of cephalopods; an abundance of the crinoid *Pentacrinus tuberculatus*, and the Saurians *Ichthyosaurus platyodon*, *I. communis*, and *I. intermedius*. The *Ammonites obtusus* zone contains many species which appear for the first time, among which are *Ammonites planicostatus*, *A. Birchii*, *A. Brookii*, *A. Dudressieri*, *Nautilus striatus*, and *Belemnites acutus*. *Extracrinus Briareus* belongs to the limestone beds of this zone. The *Ammonites raricostatus* zone yields several cephalopods of that family, namely, *Ammonites armatus*, *A. nodulosus*, *A. Guibaldianus*; it forms part of the Hippopodium bed of Murchison. The beds between this and the *Ammonites spinatus* zone inclusive comprise the middle lias, which at Lyme is upwards of five hundred feet thick; this increased development, as compared with the other British representatives of the middle lias, occurs, as might be expected, at a point in close proximity to its continental equivalent. At Black Ven and Golden Cap its lowest beds consist of grey marls, capped in the last-named locality by sand, containing nodules, which appear within twenty-five feet of the beach line. At Down Cliff, where a fault lets down the marls, and hides them from view, the downthrow is eastward, about two hundred feet. The star-fish bed, so called from the *Ophioderma Egertoni*, belongs to this section, also a band yielding *Ammonites margaritatus*. A layer of marl, six feet thick, divides these lower beds of the middle lias from about seventy feet of sand, which are in their turn succeeded by ninety feet of upper lias clay, near the base of which is a remarkable conglomerate of pebbles, seldom more than an inch in thickness, embedded in a ferruginous matrix with oolitic granules. The clays beneath assume more the appearance of the marlstone of other districts. Above this great clay bed come about 140 feet of brown micaceous sand containing layers of sandstone. Until lately they were named the sands of the Inferior Oolite, but are now generally assigned to the Upper Lias. At Fourfoot Hill, to the east of Eype's Mouth, there is another downthrow of nearly 500 feet, by which the upper beds of the Inferior Oolite are brought below the beach-line. The Lias appears again at Bridport Harbour; also the sands, which attain a thickness of 120 or 130 feet at Burton Bradstock Cliff; further eastward they are covered by beds of Inferior Oolite and Fuller's Earth.

These Midford Sands attain a thickness of 140 feet in the neighbourhood of Sherborne, and are traversed by horizontal layers of indurated sandstone nodules, which rarely contain

organic remains. It will be observed from the above account of the Dorsetshire liassic beds, that they are confined to the south-western corner of the county. The Lias vies with the Oxford and Kimeridge Clays in palæontological treasures, especially the almost comparatively extinct Saurian and cephalopodic families. With the exception of the crocodile and the alligator, the present representatives of the Saurian family are insignificant and harmless; and of the chambered cephalopods, which probably formed the chief food of their contemporary gigantic reptiles, and had an extensive generic distribution during the oolitic period, *Nautilus Pompilius* is the only existing representative.

The reptiles form a prominent feature of the liassic formation in a palæontological point of view, the variety and abundance of which have been proved by the exertions of the late Miss Mary Anning and of Mr. Marder; of these the flying Saurians are the rarest; Dr. Buckland was the first to give evidence of their presence in the lias. In 1838 Professor Owen obtained a skull with a few other parts of the skeleton of the same or a closely allied species; in 1868 the Earl of Enniskillen secured an entire tail with its bone-tendon, which brought to light a new generic form—*Dimorphodon*, in addition to *Ramphorhynchus* (Von Meyer) and *Pterodactylus* proper. The most distinguishing features of the genus are the association in the same mouth of fish-like teeth with long slender sharp teeth projecting, with wide intervals, and set in advance, in the lower jaw: the disproportionate magnitude of the head is very remarkable, but which, as Professor Owen remarks, is more completely adapted to combine lightness with strength than the skull of any other known vertebrate or invertebrate animal.

INFERIOR OOLITE.—The Inferior Oolite limestones and sands, like the Lias, are confined to the north and west portions of the county, extending from Osborne near Sherborne, through Bradford Abbas to Berwick; they undergo much dislocation between Wayford and Beaminster and repose on the Upper Lias at their southern boundary, while the northern portion is flanked by the Fuller's Earth. They have a wide extension between Beaminster and Poorstock; two successive lateral faults occasion their disappearance at Shipton Gorge. They occur again at Burton Bradstock, represented by ferruginous limestones containing a large per centage of iron. Dr. Wright divides these beds into three zones, characterised by their prominent Ammonites; 1. *Ammonites Murchisoniæ*; 2. *Ammonites Humphriesianus*; 3. *Ammonites Parkinsoni*. No. 1 is absent in Dorsetshire, the result of a thinning out of the bed by which No. 2 is brought in conjunction with the Midford Sands. This zone is well represented at Chideock and Burton Bradstock, consisting of shelly, iron-shot, and brown sandy oolites; the uppermost

contains *Terebratula Phillipsii*; the middle and lower, the characteristic Ammonites; also *Ammonites Sowerbyi*, *Ammonites concavus*, *Lima Etheridgii*, *Terebratula perovalis*, *Pleurotomaria ornata*, *Pleurotomaria punctata*, &c. The *Parkinsoni* zone is represented at Walditch, Chideock, Burton, and Sherborne by the upper and lower *Trigonia*-grits; the former contain the characteristic ammonite, as well as *Ammonites Martinsii*, *A. Truelli*, *Trigonia signata*—the latter contain *Hyboclypus gibberulus*, *Echinobrissus clunicularis*.

FULLER'S EARTH.—The Fuller's Earth, consisting of marls and clays, spread over the upper beds of the Inferior Oolite, and of a calcareous deposit known as the Fuller's earth rock, which forms the middle beds of the series, extends from Osborne to Clifton Wood, where a downthrow brings up the Forest Marble, which covers it as far as Halstock, where it reappears, passing through Leigh and South Perrott, and thence to Beaminster; it occurs again further south at Hook Park and Witherston, and disappears in the neighbourhood of Shipton Gorge; it finally occupies a very limited area north of Burton Bradstock. These beds are not very fossiliferous: the most common fossils are *Ostrea acuminata* and *Rhynchonella varians*. The most westerly appearance of the Fuller's Earth is in the cliff at Watton Hill near Eype, capped by an outlying summit of Forest Marble; it occurs also as the uppermost beds of Burton Cliff. The Fuller's Earth Rock is confined to the northern or Vale portion of the county: it is extensively quarried for the lime it contains, and is largely used by the agriculturists as a top-dressing. The clays produce good grass and support an excellent pasturage.

FOREST MARBLE.—This representative of the Great Oolite consists of blue clays and marls, succeeded by thick layers of stone composed of comminuted shells and sandy slates, to which the name was given by William Smith, in consequence of the large area covered by it in Wychwood Forest. It abounds in ripple and current-marks, from which, and, from the wood it frequently contains, it is inferred that it must have been formed in a shallow sea. In Dorsetshire its lowest portion chiefly consists of clay, with occasional layers of thin fissile and sandy limestone. The soil is generally cold and wet, and is mostly confined to pasturage. The limestone is quarried for flagstones and building materials, and in the neighbourhood of Bridport it is burnt for lime. The upper formation of this series, *Cornbrash*, consists of a loose, rubbly, fossiliferous limestone, and is useful for road-making and conversion into lime. The most northern position is Stalbridge, where it attains a breadth of three miles, and takes a southerly direction from Purse Caundle to Holwell, where a fault throws it northward towards Haydon; here it flanks the Honeycombe and

Lillington range, passing through North Wootton, Folke, Leweston, to Beer Hackett, where it is again displaced by a fault, and appears once more at Ryme, Yetminster, Melbury Sampford, West Chelborough, to Rampisham, where it is closed in by the Greensand of that district. It occupies a considerable area in the Vale of Bredy, about eight miles long, and five miles broad, bounded on the north by the overhanging escarpment of the Chalk and Greensand, on the south by the sea and Chesil Bank, and on the west by the Inferior Oolite. It also has a considerable extension in the Vale of Weymouth, extending from Langton Herring to Radipole. Owing to the predominance of phosphoric acid and carbonate of lime the superiority of the Cornbrash over the Forest Marble in an agricultural point of view is well marked. At Puncknoll and Swyre, where the green pastures and brashy arable fields of the northern portion of the parishes are succeeded on the southern sides by hard stiff unyielding clays, scarcely repaying the expence of the ploughshare, there is no doubt as to the superiority of the Cornbrash for agricultural purposes. Professor Buckman has presented facts in connection with the distribution of fossils in the Inferior and Great Oolite beds, showing that twenty-one species of lamelli-branchiate bivalves, which are common to the Inferior Oolite and Cornbrash in Gloucestershire, are rare or wanting in the Great Oolite of the district. The recurrence of species he considers to be dependent on the recurrence of similar physical conditions.

OXFORD CLAY—is a nearly uniform mass of dark clays and shales with occasional beds of argillaceous limestones: the characteristic fossil is *Gryphæa dilatata*. It occupies a more extended area than any of the previous beds, and is not so disturbed by faults; it has an uninterrupted course from Buckhorn Weston, Stalbridge, Lydlinch, Stock, Holnest and Melbury Osmund, about twenty miles in length, and three in breadth. It is flanked on its eastern extension by the Coral Rag at Hilfield, and is overlapped by the Chalk escarpment; its western extremity lying at the base of Melbury Bubb, being less regular, owing to the dislocation of the subsequent beds. It appears on the southern side of the chalk range at Long Bredy, where it takes a westerly direction to Burton Bradstock, and forms the bed of the river Bredy through the whole of its course. From East Fleet to Melcombe Regis and Weymouth it forms a belt of low ground, and winds round the eastern extremity of the Forest Marble at Radipole and Lodmore, and from the base of Jordan Hill and Harn Cliff, about three miles east of Weymouth.

CORAL RAG.—This series of limestones, clays, sands, and marls overlying the Oxford clay, has received the name of Coral Rag, the lower calcareous beds in Wiltshire and Oxfordshire being chiefly composed of corals, which are, however, of exceeding rarity

in Dorsetshire. Its most northern point is Silton, from whence it runs to Sturminster Newton with a breadth not exceeding two miles. At Marnhull and Todbere the limestones of this formation make a beautiful building-stone; between Haselbury Bryan and Mappowder a fault dissects it by an upthrow of Kimeridge Clay, and nearly surrounds the cretaceous outlier of Castle Hill. Its southern extremity, in the Vale of Blackmore, is between Hermitage and Hilfield. An outlier consisting of the lower beds of the series occurs at Buckshaw. South of the villages of Litton Cheney and Long Bredy a narrow zone of these beds occurs in this very disturbed district, reposing upon a parallel bed of Oxford Clay: it again appears at Linton Hill south of Abbotsbury, passing through Broadway and Jordan Hill, from whence it forms the coast-line almost without interruption to Ringstead Bay. Its most southerly extension is in the neighbourhood of Weymouth, where it is the most oolitic; it forms a triangle, of which the Nothe and the Fleet at Lynch form the base, and Smallmouth Sands the apex. The average thickness of the formation here is about 150 feet. It is highly ferruginous, especially in the upper beds. At Abbotsbury the Coral Rag is associated with hydrate of iron, which is as capable of being brought under smelting treatment as the corresponding oolitic beds of Westbury.

KIMERIDGE CLAY.—This lowest member of the Upper Oolite or Portland beds, universally recognised under this characteristic name, is so called from a small Dorsetshire village which, with the exception of a range of hills which form the northern boundary, is situated exclusively on this formation. It is composed of a series of clays and bituminous shales interspersed with several tabular layers of argillaceous limestones, which are brought into a marketable condition in the form of Medina Cement. In the vale of Blackmore it forms the eastern boundary from the foot of Shaftesbury Hill to Harepath Lane, winding eastward round the base of the indented green fringe of the confines of this fertile vale. At Buckland Newton it meets the great fault which runs north and south from Goathill near Sherborne to Holcombe and probably to Cerne Abbas; and, after joining the base of Castle Hill, finally disappears under the Greensand about half a mile south of Revel's Inn. At Litton Cheney it appears to a very limited extent with much dislocation of strata, and again at Abbotsbury, continuing eastward through Portisham, where it flanks the Purbeck beds from Upwey to the east of Sutton Pointz. The southern boundary of this zone is almost a straight line from Abbotsbury to Broadway, from whence it takes a south-west direction, meeting the coast-line at Osmington Mills; at Ringstead Bay it disappears under the sea-level, its most inland portion being South Holworth. It

occupies a small area from the commencement of Smallmouth Sands to the Ferry Bridge, and forms the coast-line from Chesil on the west to Portland Nore and Church Hope Cove on the east of the island. Its most easterly extension is from Gad Cliff to St. Alban's Head. The Kimeridge Clay of the Vale of Blackmore is less bituminous than that of the Kimeridge district; where it is upwards of 600 feet thick, and strongly impregnated with bitumen, giving out a disagreeable smell. It burns vividly with a bright and clear flame, but is unfit for ordinary use as fuel; the poor of the neighbourhood, however, use it as a substitute for other fuel. It burns with a cheerful flame, lighting up the chamber, as well as cooking the dinner and boiling the kettle. It has an unpleasant odour, when burning, resembling petroleum, and yields a reddish ash. The volatile matter of the richer beds is upwards of 73 per cent.; the solid mineral matter being only 27. The following is the result of the analysis of J. W. Keates, Esq. F.C.S. Consulting Chemist of the City of London Gasworks:—

“Nine thousand cubic feet of gas per ton. The lighting powers of this gas is equal to 16 candles (sperm) consuming 120 grs. per hour being burned at the rate of 9·2 cubic feet in a fifteen-holed argand burner. The lighting power of ordinary London gas is 12 candles similar to those mentioned above.

Volatile matter	61
Carbon or coke	39
	100

The coke contains—

Carbon	18·15
Ash	25·85
	39·

The ash contains—

Insoluble residue	29·01
Peroxide of iron	7·10
Silica	21·75
Alumina	10·60”

The beds between Chapman's Pool and Gad Cliff are much dislocated by faults which arrest the appearance of the lower beds of the series, otherwise the fossiliferous stratum of Holworth would have succeeded in its proper place instead of being hidden fifteen miles eastward. An anticlinal axis at Kimeridge Bay is another cause of the retardation of the appearance of the beds in their proper succession. The bands of cement-stone which intercalate the clays and shales facilitate the recognition of the beds, and show, within the space of a mile, their reappearance no

less than six times. At St. Alban's Head and Gad Cliff the upper beds alone are present, the intermediate space (about six miles) displaying not more than one-half of the series. The lowest member of the series is at Ringstead, and, owing to the rock losing its shaley character, the fossils are well preserved. The beds have a northward dip, and are, as already noticed, intersected by numerous faults, causing dislocations, analogous to those of the coal-measures. The distinctive character of this formation, as compared with the true carboniferous, is, that the bituminous matter is principally a result of the decomposition of animal matter. Like the Lias of the western side of the county, it yields a rich supply of Saurian and cephalopodic remains, much impregnated with iron pyrites (a compound of iron and sulphur in proportion of 45·77 to 54·23), several of which have been figured and described by Professor Owen and Mr. J. W. Hulke, F.R.S. Among the most important is the humerus of a gigantic terrestrial animal vying with the *Iguanodon* and *Megatherium* in its magnitude, and of strong crocodilian affinities. Traces of such a gigantic Saurian have been met with previously in an ungual phalange from the Kimeridge Clay at Ely, and a fibula from Holworth, both of which are in the British Museum. In the Earl of Eldon's collection at Encombe there is a similar humerus.

During the year 1871 an entire skeleton of *Ichthyosaurus enthekiodon* (Hulke) has been added to our palæontological list, as well as the anterior part of the upper jaw of a *Teleosaurus*, which is the first indication of this genus discovered at Kimeridge. Before dismissing this part of the subject, it may be stated that the occurrence of two species of *Plesiosaurus* from Kimeridge have been confirmed by Mr. Hulke, *P. brachistospondylus* and *P. Manselii*. The comparison of the limbs of the latter with those of the typical liassic *Plesiosaurs* brings out so many and such important differences that this and *P. megadeirus* from Haddenham and Ely may well rank as the representatives of a very distinct sub-genus.

In addition to the evidence of the proximity of land during the formation of the Kimeridge beds by the remains of the terrestrial *Dinosaur*, a fossil plant, *Pinites depressus*, from the Kimeridge Clay near Weymouth, has been confirmed and figured by Mr. Carruthers, F.R.S.

PORTLAND SAND.—The Portland Sands are about 100 feet thick in Purbeck, and from 60 to 80 feet in Portland; they consist of light-grey, soft, siliceous matter including minute green particles, and like the liassic sands of the western side of the county, repose upon inferior clay beds; it includes indurated nodules in horizontal layers which frequently contain *Trigoniae* and *Panopeæ*. It meets the coast-line between Winspit and St. Alban's

Head, and crops out in the longitudinal valley from Pier Bottom to Encombe, and from the base of the oolitic range which commences at Encombe and terminates at Gad Cliff; the sands reappear beneath the Portland Stone near Stair Cove, and again at Ringstead; the great Ridgeway-fault throws them northward, and near Poxwell they take a westerly direction, half encircling the valley of Sutton Pointz on its eastern side, and forming the base of Chalbury Hill; after a slight interruption at Bincombe they continue to the village of Portisham, leaving Upwey and Friar Waddon on the north.

PORTLAND STONE.—Here is the first appearance in the West of England of the Portland stone, which attains an elevation of nearly 500 feet at Preston and Bincombe, and constitutes a large portion of the Isle of Portland. It rises at an angle of nearly 90 degrees on its northern side towards Weymouth, with its base upon the Kimeridge Clay. It skirts the sea-level at Lulworth, and forms a magnificent headland at Gad Cliff, and, pursuing its course eastward, it retires from the coast-line, occupying for the most part the summit of the range behind the village of Kimeridge. Near Swyre Head a fault throws it northward, and it forms the high land south of the village of Kingston to Downhays Barn, where it takes a southerly direction, and touches the coast-line again at Emmets Hill, forming the upper part of St. Alban's Head; through Winspit and Seacombe to Durleston Head a mile south of Swanage, where the quarries yield a white limestone containing *Ammonites*, *Trigonia* and *Ostrea*; also tabular veins of chert in large irregular layers and nodules. The oyster-bed is eight feet in thickness, and overlies a series of the freestone-beds which consist of *Ostrea solitaria* cemented together by an infiltration of calcareous matter, and was extensively worked formerly in the old quarries of Tillywhim and Winspit. The beds of the Portland series have a northern dip here, while in Portland they dip to the south. The upper portion, which averages from three to four feet in thickness, is extensively quarried; it contains only casts of fossils—those of a spiral univalve, called by the quarrymen the *Portland screw*, is common. The Roach-bed, as it is locally termed, is very hard and especially adapted for building purposes. A part of old St. Paul's was restored by Inigo Jones from these beds. In the Ridgeway district, especially at Upwey, the Portland Stone assumes a chalky character with chert and *Trigonia*—it is associated with the Portland Sands from Poxwell to Portisham.

PURBECK BEDS.—A shelly limestone containing *ostrea* occurs among the lower portion of this formation, locally called Purbeck-Portland. A very remarkable bed resting upon a thin band, four inches thick, and crowded with scales of *Histionotus breviceps*,

extends over nearly the whole of Portland, the east of Lulworth Cove, Gad Cliff, and Ridgeway, where it is still thinner. Silicified trunks of coniferous trees, which sometimes stand erect, but are generally broken off short and seldom exceeding eight feet in length, and remains of other plants allied to *Zamia* and *Cycas* occur in this bed. About a mile to the east of Lulworth Cove there are several dome-like limestone-knobs, hollow in the centre, which are probably the enlarged bases of Cycadian plants. At Gad Cliff, which flanks the western side of Kimeridge Bay, a large limestone-block, ten feet long and six broad, encases one of these oolitic trees.

The Purbeck beds attain their fullest development in Purbeck, and extend from the town of Swanage to Worbarrow, their northern boundary being the valley which unites these two places; their southern boundary the coast to the east of St. Alban's Head, where they turn northward to Afflington Barn, and, skirting the north side of the Encombe and Kimeridge range to Gad Cliff, are lost beneath the sea at Worbarrow Tout. At Blackmanston they are squeezed up between the Kimeridge Clay on the south, and the Hastings Sands on the north; continuing westward without further expansion, they reappear at Mewps Bay, forming the coast-line to Durdle Door.

The great fault which commences in the neighbourhood of Poxwell, and extends through Friar Waddon to the north of Abbotsbury, has its greatest extension at Bincombe and Ridgeway, where a good section is exposed in the railway-cutting; the Purbeck beds flank the south side of the fault with a few exceptions from Poxwell to Portisham. The late Professor Ed. Forbes divided them into upper, middle, and lower, each marked by a peculiar assemblage of organic remains; the lower is largely developed at Ridgeway, the middle and upper in Durlleston Bay. There are evidences of various changes from sea to brackish-water, and inversely, between each of which long lapses of time must have intervened. The recurrence of the delicate remains and fragments of Insects may be accounted for under the supposition that these light spoils from the land were carried down by the rivers into the estuary, and the abundant deposits in some of the beds were probably occasioned by the collapse of insect-life, through sudden changes of temperature. Some of the beds at Ridgeway are characterized by a peculiar *Pupa* and a small water-beetle, *Notonectus*, which belonging to an aquatic species may probably be the cause of its being found entire and not fragmentary, as are the dragon-flies and other entomological remains. At Ridgeway the corresponding beds of the lower Purbecks differ by a greater development of limestone, and the dark shaley clays are entirely absent, which chiefly constitute the

Durleston Bay section. At Durleston Bay the lowest beds commence with the lower insect-beds of Professor Ed. Forbes, and are of marine origin. The quarries which give the middle Purbecks their valuable economic character lie beneath the Pecten beds, and are chiefly of fresh and brackish water formations. It is from this zone the Fish and Turtle remains are chiefly obtained.

The Cinder bed is the first evidence of the invasion of the sea during the middle Purbeck age. It is mostly formed of the remains of *Ostrea distorta* and contains the *Hemicidaris Purbeckensis*, the only *Echinoderm* of the Purbeck series hitherto known. This bed forms a marked physical feature throughout the island, and by the experienced eye can be detected with certainty. The Cinder bed is succeeded upwards by H. turtle beds, G. pecten beds, E. corbula beds, and F. beef beds, of Rev. J. Austen's list, which are capped by D. the uppermost of the middle Purbeck. The upper division at Swanage is about thirty feet thick, including a band of *Paludina elongata*, which takes a high polish. It was held in high repute by the architects of the middle ages, and there are but few of our cathedrals and old churches which do not contain pillars and window-shafts of this material. Mr. Bristow considers there is sufficient evidence that the greatest part of this material for ancient ecclesiastical ornamentation was procured from the neighbourhood of Swanage.

The remainder of the Upper Purbecks consist of a series of bands of clays and stone, the clays being charged with *Cypris* shales, and the stone with *Unios*. At Ridgeway these beds are coarser and more sandy, and contain lignite; at Mewps Bay they are thinner, but contain a greater variety of species of *Cypris* than at Durleston. A remarkable feature in the molluscan fauna of the Purbeck beds is their similarity with those of the fresh-water Tertiary strata, and with existing genera; this resemblance is so great that, with the fossils before us, and no evidence of their geological position, it would be difficult to assign them to a definite geological epoch.

At the commencement of the present century it was generally supposed that the appearance of mammalia was deferred until the Tertiary period, but this delusion was dispelled in the year 1814 by the discovery of the jaw of a small marsupial in the lower oolites of the Stonesfield Slate; and, thirty years after, the tooth of another diminutive mammifer *Microlestes* was discovered still further down in the geological series, in the upper Trias of Stuttgart. The upper Trias of Somersetshire subsequently supplied jaws and teeth of two or three marsupial species; although no mammal had up to this time been found between the other members of the Oolitic series and the Tertiary, it was not unreasonable to suppose, that, as abundant proofs existed

of plants as well as insects, the balance of life was carried on, as at the present day, by compensating influences, and that *insectivora* were present then as now to control the undue increase of insect life. The presence of fossil *mammifera* in the middle Purbeck was established by the discovery of an insectivorous mammal, *Spalacotherium tricuspidens*, allied to the *Thylacotherium* of the Stonesfield Slate. In the year 1856, Mr. S. H. Beckles, stimulated by these discoveries, proceeded to make a close and systematic search in the freshwater-marl beds, and with complete success. In three weeks he brought to light, from an area forty feet long by ten wide, and from a layer the average thickness of which was only five inches, several species, many of which were new. They are the subject of an exhaustive memoir by Professor Owen, in the Palæontographical Society's works for the year 1870. No less than eleven genera and twenty-seven species are described and figured; of these the genus *Plagiaulax* has engaged the greatest attention and has given rise to a controversy as to its being carnivorous or insectivorous. The late Dr. Falconer thought it might be regarded as possessing the type peculiar to the family to which *Hypsi-prymnus* belongs, but generically widely distinct from the existing kangaroo-rat: *Plagiaulax Becklesii* equals the size of a squirrel. Professor Owen on the other hand contends that the demonstration of the carnivorous character of *Plagiaulax* is more ample than that of its having been herbivorous. Small reptilian remains—*Macellodus Brodiei* and *Nothetes destructor*—are found in the feather quarry; J. chert beds of Mr. Austen's list.

It is worthy of remark that of the twelve or fourteen species of Purbeck mammalia not one is a member of the orders which are so well represented in the Tertiaries, and all appear to be marsupials allied to Australian groups.

At Durlleston Bay and at Ridgeway some of the beds are prolific in insect-remains, especially those of the lower part of the series, consisting, for the most part, of elytra or wing-cases of coleopterous insects interspersed with some neuropterous wings, and other relics of insect life. These remains consist solely of fragments of wings and a few segments of the abdomen; why the other hard portions of these animals are not mixed up with the rest is a mystery. They were probably the spoils of the land through which the ancient river flowed, by means of occasional overflowings. This is the more probable as the Purbeck series is generally recognized as an estuary deposit.

Amongst the most interesting of the fossils are those of the crustaceous order *Isopoda*, which are very rare in the fossil state.

As the sands and clays of the Hastings Series lie conformably on the Purbeck Beds, it is probable that the same area which formed

the embouchure of the Purbeck river performed still the same office during the Hastings sand age, but the entirely different character of the deposit shows at least that the soil of the country drained by the latter was different from that which supplied the former; and it is evident also that, in the district under consideration, the motion of the water of the Hastings river was much more rapid, from the abundance of sand, coarse quartz, and gravel with pebbles.

This lower member of the Wealden consists of sand, sandstone, calcareous grit, and shale. At Swanage and Worbarrow the calcareous grit alternates with red and green sandy clay; it contains bones of the *Iguanodon* and portions of silicified coniferous trees, the stone into which they are converted being dark-brown in colour, and receiving a fine polish. It does not effervesce with acid. The Hastings beds form the north side of Swanage and Worbarrow Valley, and pass through Godlingston, Corfe, Church Knoll, Steeple, and Tyneham; a small patch appears at Mewps Bay, Lulworth, and Man of War Cove. Their junction with the Purbeck Beds is favourably exposed at Worbarrow. In the little cove between the Tout and Gad Cliff, about fifty feet of clay alternates with beds of contorted limestone; at Swanage it is invisible, being marked by a fault. The only other appearance of this bed occurs between Chaldon and Holworth, flanked by the Greensand on the south, and the Ridgeway fault on its northern side. It is evident from our review of the Wealden and Upper Oolite beds, as represented in this neighbourhood, that they are quite unconformable to the Cretaceous system, which not only overlaps them gradually, but covers them occasionally. At Osmington Mills within less than a square mile the Upper Greensand is in contact successively with the Hastings Sands, the Purbeck Beds, and the Kimeridge Clay. Here the alternation of fine clays and sands peculiar to the Swanage beds with the coarse drift of Worbarrow plainly reveals the swelling and subsiding of the ancient river which covered them eastward. From the presence of iron the Rev. O. Fisher considers the deposit to have been furnished from the New Red Sandstones of Devonshire.

Of the gigantic reptiles of the Wealden age the Dorsetshire beds produce two, *Iguanodon Mantelli* and *Megalosaurus Bucklandi*. Mr. Beckles describes in the *Geological Journal*, vol. xviii. p. 446, casts of footprints in Swanage Bay occurring in two bands of sandrock of the usual tripodal shape, about fifteen inches long, which may be the footprints of a Wealden Dinosaur, or perhaps of a batrachian.

The flora of the Wealden contains *Coniferæ*, *Cycadeæ*, and Ferns. In 1855 the Gyrogonites or spore-vessels of the *Chara* were found in the Hastings beds of the Isle of Wight, a genus

common in the Tertiary strata, but not before this found in the Oolite rocks.

The variegated Wealden clays and sands are about 1800 feet thick at Swanage, 725 at Worbarrow Bay, 660 at Mewps Bay, 462 on the east side of Lulworth Cove, and 172 at Man of War Cove, showing in a very remarkable manner the attenuation of the beds which takes place westward; this peculiarity is not restricted to the Wealden, but extends to the lower chalk as well.

The Purbeck beds have been examined and mapped in great detail by Mr. Bristow, and published in the works of the Geological Survey of Great Britain. In Sheet 22 of the Vertical Sections every bed is shown on a scale of 10 feet to one inch, with full lithological and palæontological descriptions.

LOWER CRETACEOUS OR NEOCOMIAN.—Punfield beds. A remarkable bed of marine and estuary origin lies at the top of the Wealden beds at Punfield, Worbarrow, and Mewps Bay. It has long been known to geologists as differing from the freshwater Wealden in mineral character, and in its animal-remains, clearly indicating the gradual return of the marine conditions which continued throughout the Cretaceous period.

A marine band, 21 inches thick, rests on the variegated beds of the Wealden, dipping due north at an angle of 65° ; Mr. Judd, who has recently separated these beds from the Wealden series, to which they were before attributed, divides this marine bed, into three parts, the lower being a shelly limestone, containing concretions of argillaceous limestone, yielding Ammonites, Vicarya and other marine shells; the middle portion is almost entirely made up of oyster-shells, with a few dwarfed specimens of Corbula and Cardium; the upper portion contains but few shells, and, like the middle, is mixed with much carbonaceous matter. The narrow band is succeeded (upwards) by a series of ferruginous sands about 153 feet thick; its middle portion is composed of ferrugineo-calcareous rock with Oysters and other marine shells. The uppermost band which is a dark-blue finely-laminated shale in part cypridiferous with thin bands of limestone made up of Cyrena, Ostræa, &c. is at present covered over by the *débris* from the beds above.

At Worbarrow the formation is about 68 feet thick, comprising a thin well-marked band of ironstone containing vegetable markings and casts of marine shells, with beds of grey and whitish laminated clay and bands of nodular ironstone. These ironstones contain casts of marine shells; also beds of light-coloured, sometimes pinkish, sand, with much carbonaceous matter.

The Punfield formation is exhibited at Brixton Bay a little to the west of Atherfield Point, at Compton Bay, and Sandown Bay in the Isle of Wight.

GAULT, CHALK MARL, AND LOWER CHALK.—It is difficult distinctly to recognize the sub-division of the lowest beds of this series; only on the eastern side of the county is it of any importance; it accompanies the Chalk in its varied sinuations from Abbotsbury to Corscombe, and occupies the summits of the insulated hills above Lyme Regis, Lewesdon, and Pillesdon; it reposes successively on the Lias at Lyme, on the Inferior Oolite at Golden Cap and Shipton Gorge, on the Forest Marble at the Knoll of Puncknoll, on the Oxford Clay south of Abbotsbury, on the Kimeridge Clay west of Osmington, and on the Purbeck beds east of Abbotsbury. Its valleys of denudation are seen at Askerswell, Compton Valence, and Winterborne Steepleton. The Gault and Chloritic series has its greatest superficial development in the vicinity of Shaftesbury, and produces strata of chert, beneath which lies a band of sand stone, of great economic value on account of its power to resist the decomposing action of the atmosphere: it is extensively used for building, the angles of the worked blocks retaining their original sharpness; the marks of the chisel are as fresh now as when first cut. A narrow zone flanks the base of the chalk range from Ballard Down to Worbarrow, a fault brings it to the surface at Mewps Bay, it forms the base of the eastern side of Lulworth Cove, and dips beneath the sea at Durdle Door. At Batts Corner it reappears and forms the coast-line to Ringstead Bay, where a fault throws it northward above Holworth, and it follows the Kimeridge Clay to Osmington, whence it turns eastward to Chaldon, skirting the north side of the Ridgeway fault from Poxwell to Bincombe. It occupies the heights above the village of Abbotsbury, and, after passing Gorwell and Little Bredy, it forms the base of the escarpment of the eastern side of the vale of Bredy.

It is not difficult to conjecture that these Lower Cretaceous beds were continuous and extended over a large area westward, previous to the denudation which has so seriously affected this district. In the neighbourhood of Longbredy they are much disturbed: after encountering several lateral and vertical faults, it forms the base of Eggardon Hill; from Chilcombe it continues in a southerly direction through West Compton and Wynford Eagle. It fringes the base of two chalk-outliers, the major axis of the larger one taking a north-westerly direction from Frome Vauchurch through Toller to Cheddington, that of the lesser from Wraxall to Melbury. The outliers of Pillesdon, Lambert Castle, Stonebarrow Hill, Golden Cap, and Eype Down, form the most western representatives of the series. It flanks the great oolitic vale of Blackmore from Melbury to Shaftesbury with only one interruption at Buckland Newton. At Lyon's Gate a spur of the series takes a southerly direction and occupies a narrow

valley to Cerne Abbas; small outliers occur at Sydling, Holcombe, and Hiltton.

The Chloritic Marls at the base of the chalk-range which bounds the southern and eastern sides of the Vale of Blackmore and the Anstey valley are very fossiliferous: the uppermost bed, consisting of an argillaceous limestone, is characterised by the cephalopod *Scaphites æqualis*; its principal development is at Chard, Monckton, Cranborne, and Chaldon, where it does not exceed eighteen inches in thickness.

In the palæontological collection of the British Museum is the stem of a tree fern, *Caulopteris punctatus*, from the neighbourhood of Shaftesbury; it is a cast in sandstone, and exhibits indications of alternation of climate, or seasonal interruptions to its growth.

UPPER WHITE CHALK WITH FLINTS.—A marine formation of great thickness, consisting of nearly pure carbonate of lime precipitated and deposited at the bottom of the sea, and in some cases consisting of from ninety to ninety-five per cent. of *foraminifera*. The difference between the upper and lower Chalk is the absence of flints in the latter; there are fossils special to each division, most of which evidence deep-sea conditions.

Denudation has been actively carried on wherever the chalk formation exists in Dorsetshire, but owing to the absence of definite marks indicating any particular horizon it is difficult to determine its relative position. The beds of flints which cover extensive tracts of chalk containing undisturbed layers of flint, afford evidence not only of the immense thickness of the original mass, but also of the enormous amount of material which has been removed. The whole group may be viewed as one continuous series, with a *fauna* which varies no more than might be expected from the varied circumstances of its deposition through a lapse of ages. The beds rise at Chilcombe with a bold escarpment characteristic of the formation; from Chilcombe Hill east of Bridport to Lulworth, whence it is contracted into a narrow elevated isthmus, to Ballard Down, which divides Swanage and Studland Bays. The most southern extension is on the west side of the county south of the village of Abbotsbury, its northern boundary flanks the vale of Melbury, and with various undulations towers over the Vale of Blackmore from Minterne to Shaftesbury, and continues conterminous with Wiltshire, from thence to Boveridge, where it takes a southerly direction to Wimborne, and westerly to Bere Regis, the Woolwich and Reading Beds reposing on it. From Corscombe to Shaftesbury it rests exclusively on the Upper Greensand, but here and there it is concealed by newer deposits; it has a dip varying from 10° to 90°. At Ballard Down the Chalk is vertical, the horizontal strata being suddenly turned upwards into a curve,

which is easily traced by the layers of flints with which it is interspersed; this arises from a fault the evidence of which is seen in its greatest intensity and force at Cocknowle and again east of Corfe Castle. The Upper Chalk (whose characteristic fossils are *Rhynchonella octoplicata*, Sow., *Lima spinosa*, Sow., and *Marsupites Milleri*, Mant.) prevails on the northern side of the range meeting the Tertiaries at a very low angle, dipping gently to the north-east beneath overlying sands and clays. The Lower Chalk is well exposed at Houghton and Hilton, where the beds are much disturbed; they contain several species of *Inoceramus* and the brachiopod *Rhynchonella Cuvieri*.

TERTIARY SERIES.—LOWER EOCENE. The lowest of this series, the Thanet Sands, are absent in Dorsetshire, and they do not appear far to the west of London. The Woolwich and Reading Beds, the next in succession, (with the exception of two isolated spots in the neighbourhood of Blackdown and Bincombe,) do not appear west of Knighton. They are composed of sands, pebble-beds, and clays, accompanied in some places at the base with green-coated flints, which may be favourably seen at Studland Bay and in a pit near Pamphill, Wimborne; a small section of light-red mottled clays and pebble-beds over the Chalk occurs at Lulworth Park. At Crendle Common near Cranborne is a red-mottled plastic clay, extensively used for pottery of a coarse character. At Chalbury Hill near Horton are pale-grey mottled clays, with an overlying bed of flint pebbles; at East Bloxworth this series is represented by a pale-grey sandy pipe-clay, containing leaves of plants. From the neighbourhood of Cranborne to Wimborne and Bere Regis it overlies the Chalk with a discontinuous broken margin, at Tinkleton a narrow isthmus of Chalk intervenes, and the Poole Tertiary basin is its utmost western boundary at Yellowham. The alluvial valley of the Frome divides it at Lewell, and, after making a curve through West Knighton, where the mottled clays almost disappear and are replaced by coarse sands, irregular pebble-beds, and whitish clays, it reaches the southern margin of the Poole basin near Broadmayne, and at Littlemayne the Chalk is overlaid by sands which in one place are concreted into large blocks of sandstone, the ordinary Druid Stone; it flanks the south side of the Poole basin from Warmwell, Winfrith, and Wool, where it takes a southerly direction to Lulworth and joins the Purbeck range at Whiteway, which commences about a mile north of Durdle Door, extending to Studland; it follows without interruption the northern base of the Chalk range at West Lulworth; there are small outliers also at Milborne St. Andrew, Came, Bincombe, Bradford Peverell, and the lofty Blackdown. The Woolwich and Reading Beds form a salient feature in the landscape, owing to the prevalence of oak, which grows freer and better than in the

strata above or below ; their line of demarcation may be at once recognised by this peculiarity.

The blocks of grey wethers, sarsen-stones, or Druid-stones, which are scattered over the surface of the Chalk and older formations, such as the saccharoid stones of Portisham and Bridehead valleys, or the red sandstones at Winterborne Whitchurch, Milborne St. Andrew, &c. are thought by Mr. Prestwich to belong to the Woolwich and Reading Beds. Near the village of Broadmayne on the Wareham road are several blocks of indurated masses of sandstone, (Druid-stones) *in situ*, left denuded by the force which scooped out the valley. The Portisham and Bredy *breccias* differ, inasmuch as they are conglomerates of flint and transported from their original position by torrential action into these deep valleys.

LONDON CLAY.—Immediately resting on the Woolwich and Reading Beds is the basement-bed, as termed by Mr. Prestwich ; it is usually composed of ferruginous brown, clayey sands. At East Bloxworth it contains nodular concretions of clay-ironstone, peroxide of iron, and rounded flint-pebbles : it is a constant attendant of the Woolwich Series in the county from Chalbury to Knighton, but is absent on Piddletown Heath and the outliers westward to Blackdown.

MIDDLE EOCENE.—Lower Bagshot. These beds consist of a thick deposit of sand and clays ; they are extensively developed on the eastern side of the county, forming the main portion of the clay and heath district included within the Poole basin. They are remarkable in Dorsetshire for their important strata of pipe-clay, which is worked at Creech Grange, Nordon, and Rempstone. The export of this clay in 1870 from Poole was 60,210 tons. Mr. Prestwich considers the Lower Bagshot series, both in Hampshire and Dorsetshire, to be derived from the wear and denudation of land consisting of the older and crystalline rocks ; the condition of the material being similar to rocks such as now form the strata of Cornwall and Brittany. Mr. Maw, however, thinks that these beds have been derived from the denudation of a Chalk-tract. The grains are larger and coarser at Poole and Studland than in the Isle of Wight, where they pass into grits. An old land seems to have existed, of which Cornwall and Brittany remain, the intermediate portion having been submerged and destroyed ; the fossil remains point to the same conclusion, for the plants they contain are more numerous and better preserved as we proceed from east to west, and become more plentiful at Bournemouth, Studland, and Poole than at Alum Bay. In the compact clays of these localities there are not only dicotyledonous leaves but numerous fronds of ferns allied to *Gleichenia*, which are well preserved, with their fruit, a genus which existed in the Cretaceous and Oolitic periods and

now inhabits the Cape of Good Hope and New Holland. In the midst of these leaf-beds, in Studland Bay, freshwater shells of the genus *Unio* attest the freshwater origin of the white clay.^a The fruit of a member of the *Arelia* family, now confined to North America, New Zealand, Japan, and the East, has been found at Bournemouth by Mr. Mitchell. Fine specimens of the leaves of a Palm (of the genus *Sabal*) have been found at Studland and Corfe. The river of that period may have passed through a district of granitic and syenitic rocks which brought down these pure kaolin clays. The coarser materials and quartzose grits were probably drifted from their original position either by periodical or intermittent floods.

The occurrence of isolated Tertiary patches resting here and there on the Chalk, of which the one at Tollard Royal is furthest from the central mass, leads to the supposition that denudation has removed the large masses which intervened, and, as has been already hinted, probably extended far over the Chalk below.

The heaths of Bere Regis, Affpuddle, and Piddletown, are here and there pitted with circular conical hollows, resembling the upper portion of an hour glass; they vary from 60 to 80 yards in circumference; the largest is 280 yards round. They are supposed to be swallow-holes, the result of the dissolution of Chalk by means of the carbonic acid contained in the rain-water, and the subsidence of the superjacent sands into the resulting vacuum causing a depression of the surface like that which takes place in the sands of an hour-glass soon after it has begun to run. The Rev. O. Fisher considers that the formation of these pits was subsequent to the outspread of the superficial gravel.

SUPERFICIAL GRAVELS, &c.—Gravels and Brick Earths cover the surface of the heath-lands, as well as large portions of the Chalk and the Oolites, on the border-lines of the Vale of Blackmore.

The High-level Gravels are all rounded by water-action and originate from beds of which we have fragmentary traces in several parts of the county, but which do not now exist nearer than Cornwall, porphyry, granite, and quartz being their constituent parts; they cover the table-land between Bournemouth and Poole, which forms the eastern extremity of the extensive tract of land of which Picket Plain and Ochnell form the northern boundary, and were probably spread out previous to the wearing away of the surface of the present existing valleys. The lower gravel beds are represented largely throughout the county, not only covering the deep combs which intersect the coast line, but

^a Lyell, Student's Elements of Geology, 1871, p. 238.

lie at the base and sides of many of the inland valleys. Those of the Stour and Piddle have yielded remains of *Elephas primigenius* and *Rhinoceros tichorhinus*; at Gains Cross near Durweston tusks of the former and teeth of the latter were met with in the railway-cutting in a bed of flint-gravel 60 feet above the river. Mr. Shipp (of Blandford) has a good collection of the remains of these pachyderms, from a pit in the nursery-gardens between the town of Blandford and the turnpike-gate on the Dorchester road; molar teeth of *Elephas primigenius* were found some years ago at Dewlish, in a tributary of the river Piddle. The Avon too has yielded elephants' teeth in gravels 40 feet above the river. Elephant, Bison, and deer-remains were exhumed from a bed of gravel at a combe at Encombe, the seat of the Earl of Eldon.

There are evidences of man's occupation in the cliffs near Bournemouth in the occurrence of flint-implements among the gravels 120 feet above the sea-level. Owing to the absence of organic remains it is impossible to decide as to the origin of these gravels, whether they result from fluvial or marine agency. Mr. Codrington considers the gravels covering the table-lands at the highest levels are of far greater antiquity than the valley gravels of the rivers, which were probably formed previous to the disruption of the Isle of Wight from the mainland; also that the rivers reaching the sea by Poole Harbour, Christchurch, and Southampton were affluents to an estuary opening into the sea in the direction of Spithead.

The last movement appears to have been one of subsidence, and the occurrence of several submerged forests around our coasts gives good reason to lead to this supposition. Those of Bournemouth and on the north side of Poole Harbour, Sir Charles Lyell makes an exception to, and attributes their submergence in modern times to the washing out of the subjacent sandy strata on which they rested, and not to a general subsidence or change of level. In several parts of the county, especially on the chalk-uplands, drift-beds occur of local origin varying from flint-rubble and brick-earths to sandy clays. *Spongites*, *Echinoderms*, and *Brachiopods* (the usual Chalk fossils) are plentiful in these deposits, which represent the redistribution of the older gravels during the Pleistocene age.

SUBAERIAL DEPOSITS.—Chesil Bank.* This remarkable beach runs from Portland to Burton Bradstock, a distance of 18 miles.

* See a paper "On the Formation of the Chesil Bank," by H. W. Bristow, and W. Whitaker; *Geol. Mag.* vol. vi. p. 433, (1869). Also J. Coode in *Proc. Inst. Civ. Eng.* vol. xii. p. 520, (1853).

Messrs. Bristow and Whitaker consider it to have been an ordinary beach subsequently separated from the mainland by denudation. It is connected with the mainland from Burton to Abbotsbury, where a narrow channel, the Fleet, which extends to Wyke Ferry, separates it. At Abbotsbury its base is about 170 yards in width, and its crest 22 feet above the level of the sea. At Portland its base is 200 yards wide, and its crest 42 feet in height. The separation of the land from the beach is, doubtless, owing to the configuration of the coast-line, which is without any high land or cliff from Burton to Abbotsbury; and the several streamlets which, through the imperviousness of the subsoil, and eastward trend of the coast, are diverted from their seaward course, succeed each other, and rill after rill by their united power attain sufficient force to excavate a channel, while the influx and reflux of the tide have contributed towards the formation of the Fleet, on whose bosom nearly 1000 swans roam,—the unique and enviable possession of the Earl of Ilchester. The Isle of Portland has acted as a base or breakwater in the formation of the Chesil Bank. Between Studland and South Haven there is a large accumulation of shingle, derived from the submerged beds as well as from the re-formation of older gravels.

The raised beach at Portland Bill consists of pebbles cemented together with comminuted shells; it is 30 or 40 feet above the sea-level, and about three feet thick. A projection southward shows another conglomerate with shells, chiefly *Littorina littorea*, *Littorina littoralis*, and *Patella vulgata*. This ancient beach terminates after a course of 250 yards. A bed of shingle caps the cliff at the Bill, and extends some way inland. Traces of an upheaval are absent on the mainland owing to the destructible character of the coast line. There are some other instances of subaerial deposits in the county; the most remarkable of these is at Blashenwell, between Corfe Castle and Kingston, where a tufaceous deposit about ten feet thick, containing land, fresh-water and marine shells, bones of animals, and wood, is spread over the clays of the Hastings Sands at their junction with the Purbeck Beds; it appears to have been the site of a small lake which became silted up by the deposition of the lime which the water through which it passed held in solution. The source which supplied the water of the lake still exists, and flows into the Corfe river by the channel it has cut for itself through the tufa. The presence of marine shells may be accounted for by the agency of man, during the establishment of an ancient settlement on the banks of the lake; this supposition is strengthened by similar evidences in the neighbourhood, two of which are close at hand on the Kimeridge Cliffs, shewing a lengthened occupation by man, and where the remains of sea molluscs, bones of animals, and the accumulated fragments or refuse of

human food, are present. It seems scarcely possible that any depression of the Corfe Valley on the north or south of the Chalk-range could have been the means of introducing a member of marine life even with the aid of a tidal river.

Until recently the Coal Measures were supposed to offer the only proofs of an ancient *flora*, but the presence of plants at every geological period is now incontestably established. The Devonian epoch presents *Coniferæ*, *Sigillariæ*, *Calamites*, and Ferns, as well as fruits such as *Cardiocarpon* and *Trigonocarpum*, which are also Carboniferous. The earliest known Insects are in the Devonian strata of St. John's, New Brunswick. The Permian *flora* have a resemblance to that of the coal-period: the *Trias* plants are chiefly analogous to those of the Secondary rocks. During the Oolitic period the abundance of the *Cycadeæ* compared with the diminishing ratio of *Equisitaceæ* and Ferns points to the existence of a clearer atmosphere and lower temperature, although a higher one than that which now prevails in Europe. Among the vegetable remains of the Lias, several species of *Zamia* have been found at Lyme Regis. At the base of the Upper and Lower Lias, respectively, Insect-beds occur; containing, besides Insects, small Fish and Crustacean marine shells as well as Ferns, Cycads, and leaves of monocotyledonous plants, and apparently brackish and fresh-water shells. The Insects include wood-eating and herb-devouring beetles, and some grasshoppers. There are evidences of a terrestrial and marine vegetation from the lowest to the uppermost beds of the Oolites, and, though the sequence of the genera has not as yet been traced through each successive stage, they reappear between intervals of several periods. The *flora* of the Wealden is characterized by a great abundance of *Coniferæ*, *Cycadeæ*, and Ferns, and by the absence of leaves and fruits of dicotyledonous angiosperms. Gyrogonites, or spore-vessels of the *Chara*, so plentiful in the Tertiary strata, were found in 1855 in the Hastings Beds of the Isle of Wight. The Miocene Beds of Europe which have probably their only English equivalents at Bovey Tracy in Devonshire, present a vegetation differing little from that of the present day. The plants of the submerged forests of our coasts at Cromer, Torquay, and elsewhere, contain identical species with those now growing in England.

From what has been already brought before our notice it is clear that Araucarias, Pines, Cycads, *Zamias*, and other exogenous plants now growing, have their generic representatives as early as the Secondary ages. The persistence of a species through more than one geological period can seldom be traced; gaps intervene, and it is only indirectly that the changes which have taken place on the earth's surface can be determined, the evidences being too frequently rendered obscure by the superincumbent

beds, or placed altogether beyond our reach in the depths of the sea. The fact that the Cretaceous beds of Dorsetshire rest unconformably on the beds below shows that a great interval of time elapsed between the deposition of the two series, and accounts for the dissimilarity of their *faunas*. There are instances, however, where the chain of life is unbroken, and uninterruptedly carried on, although accompanied by the continual appearance of new forms.

NOTE.—The Geology of the County of Dorset is illustrated by the following works published by the Geological Survey of England. Maps on a scale of one inch to a mile, Sheets, 15, 16, 17, 18, 21, 22. Horizontal Sections, Sheets 19, 20, 21, 22 and 56. Vertical Sections, Sheet 22.

DRAINAGE.

A.

The Axe or Exe, which rises at Axnoll near Cheddington, is joined in the early part of its course at East Swillets, near Seaborough, by a tributary originating from the drainage of Lewesdon Hill, also by another from the western side of the same range, both of which after uniting pass through Broad Windsor and enter the main stream on its left bank at Axe near Wayford, where a third tributary from springs below Shave Lane Hill, one of the high cretaceous outliers which form the picturesque features of this attractive part of Dorsetshire, feeds it on its right bank.

Pillesdon Hill furnishes a streamlet, which after pursuing a northerly direction passes about a mile below Thorncombe, and joins the Axe near Winsham; several small rills flow into the main stream between this and the county border.

The Birt rises on the north side of Beaminster from springs under White Sheet Hill, receiving the Simene from the hills above Symondsbury, between the town of Bridport and the harbour. The Asker from springs near Askerswell, which runs in a westerly direction to its junction with a considerable tributary at Long Loders, is fed by three rivulets, one rising above the marshes of Witherston, another from the base of Eggardon Hill, both uniting at Milton, and the third, which rises at or near Hook Park, joins them about a mile lower down.

INDEPENDENT STREAMS.

The Bredy rises at Little Bredy, and, after passing Long Bredy, where it receives a clear crystalline stream from the overhanging heights which surround this lovely village, also receiving accessories from Gorwell, Luke, Puncknowle, and Swyre on its left bank; from Litton Cheney and Chilcombe on its right; another from Sturthill on the same side, and the drainage of Shipton Beacon and its neighbourhood at Grayson, it continues its course through the village of Burton Bradstock to the sea on the west side of Burton Cliff.

The Char rises from the bases of Pillesdon and Lewesdon Hills, and before reaching the village of Whitchurch Canoncorum, receives several minor streamlets, the most considerable of which comes from the neighbourhood of Bettiscombe, and another from the eastern side of Lambert Castle and Conic Castle Hills, from whence it runs in a southern direction, and meets the sea at Charmouth.

A little brook, which rises at Hadden Hill and passes through Chideock, falls into the sea two miles east of Charmouth.

The Lyme, which rises at the borders of the county above Uplyme, after a course of four miles, meets the sea near The Cobb, receiving only a small confluent at Colway.

B.

The Yeo or Ivel, rises at Horethorn, taking a southerly direction at Milborne Port, where it is met by a tributary which rises near Purse Caundle; here it is deflected, and after passing Sherborne and Bradford Abbas is joined by a rivulet supplied by the drainage of several valleys southward; the most eastern of these tributaries rises near Hilfield, and passes through Leigh and Whitfield; there is another which runs from Batcombe through Chetnole and Yetminster to Beer Hackett, where it is joined by the Hilfield stream; both unite with the Yeo near Bradford Abbas. The Melbury rivulets, which pass Closworth, unite below Halstock with two others from West Chelborough and Corscombe (the western side of the watershed of division B and C) joining a little to the west of Clifton Wood and falling into the main river on the confines of the county south-east of Yeovil.

C.

The Frome, which rises near Evershot, passes through a green-sand valley to Swanhills, about three quarters of a mile from Cattistock, where it is joined by the drainage of a collateral valley

similar in its geological formation, from springs from the hills around Corscombe and Rampisham, and lower down a rill from Chilfrone. At Maiden Newton a considerable increase of volume is occasioned by the confluence of the Hook, whose most distant sources are from the village of that name, and Pinneys Toller; at Lower Kentcombe a small rill joins it. The drainage of the Fullers'-earth district around Toller Porcorum yields a large supply of water, and joins the Hook a little below the last named village it takes an easterly direction from thence to Maiden Newton. The drainage of the valley from West Compton by Wynford Eagle joins the Hook at Toller Fratrum about half-a-mile from its junction with the Frome, which receives a small accession at Frampton from Compton Valence. The drainage of the Sydling valley, whose highest springs are above Up Sydling among the greensands which a dislocation of strata has brought up to the surface, passes onwards through Sydling St. Nicholas to Muckleford without a single tributary. At Wolveton the Frome receives the Cerne, an important tributary which drains an extensive district whose main source is at Up Cerne, and receives the Minterne, which rises at the Poor Houses above the village of that name. It may be as well to remark that both sources rise in the Greensand series, which terminates a little south of Cerne Abbas. The Frome then passes on through Frome Whitfield, leaving Dorchester and Fordington on the right; near Stafford it is joined by the South Winterborne, whose source is at Wherry, about a mile above Winterborne Abbas; after passing through Steepleton, Martin's Town, Monckton, and Came, it joins the Frome at Stafford, which flows onward through Woodsford, Moreton, Wool, and East Stoke; here it is joined by Luckford Lake stream, which rises between Povington and East Lulworth, and forms the western boundary of Div. G. (Purbeck), a stream from springs at Grange and West Creech, joins the Frome at East Holme. About two miles below Wareham after a tortuous course it flows into the Poole estuary.

INDEPENDENT STREAMS.

The Wey flows from springs near the Church at Upwey at the junction of the Purbeck beds with the Portland sands; after passing through Broadway, Nottingham, and Radipole, it falls into the Weymouth backwater, which also receives on its western side two insignificant streamlets from West Chickerell and East Fleet. A small rivulet which falls into the Fleet near Langton Herring Parsonage rises at East Elworth in the parish of Portisham. The drainage of Whiteway Hill at East Lulworth contributes a little rill which passes close to the East Lodge gates of Lulworth Park, and falls into the sea at Arish Mill, Worthbarrow Bay.

D.

The Piddle rises above the village of Piddletrenthide, where it receives two auxiliaries, from Alton and Plush; it receives no further contribution until it reaches Burleston about a mile below Piddletown, where it is met by the drainage of the Dewlish valley from springs at Aller and Bingham's Melcombe, receiving the contributions of the collateral valley of Cheselborne a little below Dewlish House. From Burlestone, after passing several villages to which it gives its name, as a prefix in some cases and an affix in others, it is joined near Hyde by a branch which, rising at Hilton, passes through Milton, Milborne, and Bere Regis. Another rivulet whose source is at Hyde Heath, south of Sherford Bridge, unites with the river previous to its entering the estuary of Lytchett Bay.

INDEPENDENT STREAM.

A small stream from the drainage of Woodbury Hill, which, passing through Morden Lake, and the eastern side of Wareham, joins Poole Harbour at one of the eastern arms of Lytchett Bay.

E.

The Stour, one of the most considerable rivers of the county, enters Dorsetshire about three miles from its source among the springs of Sturton; it receives the Shreen at Gillingham, this stream also originates in Wiltshire, some way eastward of Sturton, and has a course of about four miles. At Ledden Bridge below Gillingham the Ledden, an affluent of the Stour at Accliff Mill, receives the Fern Brook, which flows from several springs at the base of the hills around Shaftesbury, as well as from one higher up near Wolfsridge. This tributary comes from the neighbourhood of Sedghill. Wyke and Langham contribute two streams a little lower down. The river course is tortuous, and not far from Fifehead Mill (which is on the Stour) it receives a large volume of water from an important tributary, the Cale, whose sources are far away in the vicinity of Charlton Musgrove in Somersetshire; it enters the county south of Buckhorn Weston, and is joined by the Bow river shortly before its confluence with the Stour. The Bow commences also its course in Somersetshire, from the drainage of the low Cornbrash range, which commences at Wincanton and terminates south of Stalbridge. Near Shortwood Common, in the parish of Marnhull, the river receives the drainage of the eastern side of the Holt range, and at King's Mill it has an augmentation by its junction with the Lidden, whose feeders ramify far and wide, even as far west as

North Wooton, Leweston, Long Burton, Totnell Corner, Hermitage, and Middlemarsh, all of which bring their small contributions to a common centre between Caundle Marsh and Holwell; the drainage of some high land on the Oxford clay series, south of Holwell, contributes another rill. A tributary which rises between Duntish and Beale's Wood, running past Canning's Court, is joined by the drainage of Melcombe Park, which on its part receives a stream which rises under Bulbarrow, and flows westward through Mappowder to East Pulham; these flow onward to Lydlinch, and, after receiving a tributary from Smithers in the parish of Hazelbury Bryan, they unite with the western branch near Twyford Bridge, and fall into the river at King's Mill. Before reaching Sturminster Newton it receives the Develish from springs at Belchalwell, Ibberton, Woolland, and Hazelbury Bryan, which, after uniting near Fifehead Neville, enters the Stour on its right bank. Below the town it receives the Hinton St. Mary tributary, and, at Fiddleford, streamlets from Sturminster Common and Okeford Fitzpaine act as feeders to the river. A rivulet which rises as far off as Melbury Abbas, after passing through Hargrove, and receiving a stream from Compton Abbas, passes through West Orchard, and falls into the Stour at Manston. Lower down, the drainage of the neighbourhood of Farringdon meets the river near Hammoon, which continues its course without any material contribution to the limit of this fluviatile division E., which terminates at Hayward Bridge.

F.

The first accession this lower section of the Stour receives is the Iwerne river at Stourpaine, which rises at the junction of the Kimmeridge clay with the greensand at Preston, and, passing through Shroton and Steepleton, pursues its course by Blandford, Charlton, and Spettisbury, where it is joined by the Tarrant; this river rises above Tarrant Gunville and, after fertilizing several villages, without any tributaries beyond the springs of the valley, it flows uninterruptedly to the Stour at Canford Bridge. At Sturminster Marshall it is joined by the Winterborne, another upland stream, which rises at Winterborne Houghton, passing Stickland, Whitchurch, Kingston, and Anderson; it receives a streamlet which rises north of Bloxworth, near the World's End; at Corfe Mullen it has an accession of two rills; at Wimborne it receives a large and important stream, the Allen, proceeding from sources far north at Gussage St. Andrew, and Up-Wimborne north of St. Giles; both streams converge at Bidecomb Mill, the former passing Gussage St. Michael and

Gussage All Saints, the latter St. Giles's Park and Knowlton; a streamlet from Long Crichel, near Witchampton, after passing through the lovely and picturesque lake of Crichel, mingles with the Allen within Mr. Sturt's Park; thus augmented the river flows past Stanbridge and High Hall. From Wimborne the Stour continues a south-easterly direction, and, after passing Canford and Ham-Preston, it leaves the county about half a mile below West Parley.

Moor's river, which rises under the Pentridge range, passes through Cranborne and Verwood; below that village it takes a southerly direction to Woolbridge, whence it forms the boundary of the county as far as St. Leonard's Bridge, about a quarter of a mile below which it receives the drainage of the Holt country. This stream originates from two springs at Holt Forest and Horton, which unite at Lower Manaton; at Hampreston Heath it is joined by another branch from springs near Holt Chapel, and enters Hampshire near St. Leonard's Bridge, uniting with the Stour at Holdenhurst.

G.

The Corfe river, whose most distant source is at North Eggleston, takes an easterly direction through the valley, which divides the Hastings sands on the north from the Purbecks on the south; it passes by Steeple, and at Puddle Mill receives contributions from East Whiteway and Church Knowle, near which village it takes a northern direction towards the break of hill at Corfe Castle, receiving a rivulet from the Blashenwell spring, and the Byle Brook from near Westwood; it then flows in a straight line to Wych, where it enters Poole Harbour; at Sharford Bridge it receives a rill from East Creech.

Several independent streams flow into the Harbour.

One from Furzebrook and East Creech to Turner's Cove.

One from Hixon to Middlebere.

One from Bushaw to Fitzworth.

One from Rempstone and the drainage of Ninebarrow Down to Ower.

And another from Godlingstone Heath to Greenland Quay.

On the southern side of the chalk range there is only one stream east of Byle Brook whose source is at Westwood under Ninebarrow Down, which is joined by a rill from Godlingstone; it flows into the sea north of the town of Swanage.

A forked rivulet, after a very short course from springs in the Portland Sands, which a geological dislocation has brought to the surface, falls into the sea at Chapman's Pool, and another a little to the west from Encombe.

BOTANY.

The study of plants has engaged the attention of man from the earliest times; Cain was a tiller of the ground, Noah an husbandman; the oak, the fir, the cedar, the palm, &c. are names familiar to the Bible-student; the Paschal Lamb was eaten with bitter herbs; Solomon's acquaintance with plants is referred to in 1 Kings iv. 23. Pliny mentions the Greek Theophrastus, who lived in the fourth century B.C. as the earliest botanical author. Although it is uncertain as to the identity of Greek plants with those of England, many of our names are of Greek origin. Both Cæsar and Tacitus incidentally state that the Druids were well versed in the properties of plants—that they esteemed the Mistletoe, the Vervain, the Selago, and the Samolus as possessing divine properties, and required them to be gathered with mystic rites. There are several manuscript Saxon herbals extant. In the middle ages, from Henry, Archdeacon of Huntingdon, to William Horman, a native of Salisbury, who died in 1535, England produced many eminent botanists, whose attention was chiefly devoted to the herbs used medicinally. Dr. William Turner was the first who published an herbal in the English language. This great work appeared in parts between the years 1551 and 1566. In the course of 1568 he brought out the three parts in one volume, printed at Cologne, with a dedication to Queen Elizabeth. The learned of that period considered it contrary to all precedent to publish a scientific work in a language other than that of Latin. Dr. Turner vindicated the employment of the vernacular by asking which was the most preferable, that many be killed through the apothecary's ignorance of Latin, or that his herbal be set forth in English. He was ordained by the martyr Bishop Ridley, and wrote several works in defence of the Reformation; his advocacy of its principles rendered his safety in England doubtful during Queen Mary's reign, and he sought refuge on the continent under the ægis of the German princes who supported Luther and his co-religionists, and by whom English Protestants were considered brethren.

Dr. Turner named upwards of 300 English plants, one-sixth of the number included in the last edition of the London Catalogue. From his repeated notice of Purbeck and Portland plants, he must frequently have visited this county. Among the plants observed by him in the west of England, he says of *Brassica marina*, (*Convolvulus Soldanella*), "I have not sene it in

England sauving only besyde Porbek. *Halimus portulacoides*, Sea Purslane (*Purcelline*), I found the same herbe of late besyde Ile of Porbek."

Lobel, although not an Englishman, added largely to British botany. The first edition of "*Stirpium adversaria nova*" was dated London, 1570, and gives the description of about 250 plants, the greater number of which he had observed in his travels. Ray accuses him of inaccuracy, and of giving localities of plants which could not be substantiated. The Lobelia (one species of which genus, *L. urens*, grows on the confines of the county, near Axminster) is named in commemoration of this eminent botanist. He died at Highgate about 1618.

John Gerard was born at Nantwich, in Cheshire in 1545, and practiced as a surgeon. In 1597 he published his *Herbal or General History of Plants*, in folio, with woodcuts. Dr. Thomas Johnson published an improved edition of it in 1633 with an addition of upwards of 300 plants and several corrections. His death took place in 1607.

Parkinson was born in 1567, and was appointed apothecary to King James I. His first work was the "*Paradisi in sole Paradisus terrestris*," published in 1629, which gives a description of nearly a thousand plants, of which seven hundred and eighty are figured. It exhibits the character of the English garden of that period. Tropical and stove plants are scarcely mentioned. The species of fruits are many and various, including more than twenty peaches. In 1640 he published his *Theatrum Botanicum*, with a description of 3,800 plants.

Until the time of How, who was born in 1619, no attempt had been made to separate the indigenous plants of England from those that had been introduced. In 1650 he published *Phytologia Britannica*; as may be supposed it was not complete.

We next arrive at the time of Ray, who was born in 1628, one of our greatest and most distinguished naturalists. He furnished a provincial catalogue of plants to the editor of Camden's *Britannia*, edited by Bishop Gibson in 1695, in which six plants are specially mentioned in the Dorsetshire section. In 1690 he published his *Synopsis*, which contributed largely towards the systematic arrangement of plants, and a more defined discrimination of genera and species. In 1696 a second edition of his *Synopsis* of plants was published, giving more than 500 species in excess of those assigned as British, in the *Catalogus Plantarum Angliæ*. His works are various, including not only Theology and Natural History, but some of a purely scientific character. The life of this eminent man terminated in 1704.

Subsequent to Bishop Gibson's edition of Camden, which contains Ray's provincial list of plants, several local lists have

been published. Among these is one specially belonging to this county, the Botany and Natural History of Dorset, by Dr. Pulteney; it formed an appendix to the first and second editions of Hutchins's History of Dorset, with a biography of this distinguished naturalist, by Dr. Maton.

"The Botanist's Guide through England and Wales," by Dawson Turner and L. W. Dillwyn, 2 vols. is a compilation of the names of plants and their localities derived from published records, with many additions contributed by contemporary Botanists and their own observations. The same description may apply to the New Botanists' Guide, by Mr. Hewett Cottrell Watson, published in 1835-7, extended to include Scotland also. An exhaustive correlation by English and Continental Botanists has simplified the nomenclature of plants, and reduced the various synonyms to one common name; on the other hand there is a modern tendency to separate plants and disturb the principles of synonymy. Mr. H. C. Watson, in the Compendium to his *Cybele Britannica*, sets forth the effect of the segregation or aggregation of plants by botanists, according to the views they take as to their claim to being a variety or a species. *Rubus fruticosus* and *Ranunculus aquatilis* are familiar instances of the different methods adopted by botanists; some accepting their varied forms as true and distinct species, others recognizing them as varieties only.

The *Sylloge Floræ Europææ*, by Carl F. Nyman, published in 1855, gives a list of every known vascular plant indigenous to Europe, and its national locality.

M. Le Coq's work, "Sur la végétation du plateau central de la France," is upon a similar plan with regard to the distribution of plants, and traces them to their widest extension beyond the limits of Europe.

"Géographie Botanique," by M. de Candolle, is a more scientific work, in which he endeavours to show the laws which govern the distribution of a plant, and passes several plants under review in support of his theory.

Mr. Hewett Cottrell Watson's *Cybele Britannica* and Compendium, published in 1870, and Supplement in 1872, is the most important work on British Botany with reference to the distribution of British plants. This writer divides Britain into two longitudinal divisions—East and West Britain, and three latitudinal ones—South, Mid, and North Britain; the whole is subdivided into 18 provinces, of which Dorsetshire forms part of one, including Wiltshire, Isle of Wight, Hampshire and Sussex; several of these are again subdivided. The province of which Dorsetshire is a member appears under three subdivisions—West, Mid, and East Channel. The West Channel is represented by North Wilts, South Wilts, and Dorset. The floral climatal

regions are two, the Agricultural region, or region of cultivation, and the Arctic region, or region of Alpine plants. Each of these is again divided into three subordinate zones. Dorsetshire falls within the lowest or the most southern of the six, the Infer-agrarian Zone. *Clematis vitalba* and *Rubia peregrina* are characteristic plants of this lowest zone, besides the more local *Erica ciliaris*, *Cyperus longus*, and *Pulicaria vulgaris*. These five plants all occur in Dorset. Mr. Watson further explains the geographical relation of plants found within Britain, by grouping them into six distributive types: 1 British, 2 English, 3 Scottish, 4 Highland, 5 German, 6 Atlantic. The characteristic plants are enumerated in examples of each group; of these Dorsetshire yields all of No. 1, three out of the eleven of No. 5, seven out of the nine of No. 6, not including four out of the five of the very local examples, namely, *Erica ciliaris*, *Polycarpon tetraphyllum*, *Cynodon Dactylon*, and *Adiantum Capillus Veneris*.

A further notice is necessary as to the native claim, or otherwise, of each plant to its being indigenous or introduced, and again, whether before or since the records of our botanical history. Mr. Watson, therefore, with his usual skill, divides their apparent origin into native, denizen, colonist, alien, and casual; these terms require no special explanation here. Examples of the first group are seen in *Corylus*, *Calluna*, *Clematis*, *Bellis*, *Butomus*, *Teesdalia*, *Glauz*, and *Littorella*; of the second, in *Aconitum*, *Chelidonium*, *Saponaria*, *Buxus*; of the third in *Ranunculus arvensis*, *Centaurea Cyanus*, *Alopecurus agrestis*.

Mr Watson shows the range of latitude for each plant by its extreme parallels north and south within Britain. And he further traces its extension over Europe, and into North and West Asia and North Africa.

In a strictly local Flora it will be sufficient to confine ourselves to a notice of those counties adjoining Dorset which produce the same plant; also to a notice of its occurrence in Normandy, the proximity of which to Dorset will make the comparison suitable and interesting.

Dorsetshire has no very marked features so as to give it a special botanical character; there are no hills of any magnitude, its highest, Lewesdon, being only 914 feet above the sea-level; with the exception of its coast-zone a comparative floral uniformity exists. A division into botanical districts might therefore appear little necessary, but the adoption of this plan in a local Flora such as this will afford facilities to the student, and give a prominence to the localities of the rarer plants; and as the river systems upon which it is based extend in most instances beyond the limits of the county, the rarer plants of other counties within the same watersheds may be successfully searched for here. As already mentioned, we have selected the six principal

valleys of drainage, and the so-called Isle of Purbeck as a seventh or supplemental division.

The *Cybele Britannica* by Mr. H. C. Watson, with its Compendium and Supplement; the third edition of Sowerby's English Botany, edited and thoroughly re-arranged by Dr. Boswell Syme; the Student's Flora, by Dr. Hooker, 1871; the Manual of British Botany by Professor Babington, sixth edition, 1867; and the Handbook of British Flora, by Mr. G. Bentham, 1866, President of the Linnean Society, give the latest and most complete information about each Phænogamous plant, and the higher Cryptogamic orders.

Notices of every plant supported by trustworthy authority, either from published records or in manuscript, are here given. We have rejected those which we consider reported on doubtful authority, and several "critical" ones, the distinctions of which have not been sufficiently attended to by our local botanists. Our object is not to swell the list to undue proportion, but to accept only the plants which we can claim as certainly growing within the limits of our county.

Among the many rare plants found in Dorset are *Simethis bicolor*, discovered near Bournemouth in 1847; *Leucojum vernum*, discovered near Bridport, in 1866; *Carex clandestina*, found at Milborne St. Andrew, in 1867; and *Scirpus parvulus*, at Littlesea, Studland, in 1870; this latter had been found in the mud-flats of Lymington in 1836 by the Rev. G. Smith, but had not been seen there subsequently, although diligently searched for by the discoverer as well as the late Mr. Borrer and other botanists. The reinstatement of this plant in our British Flora, thirty-four years after its first discovery and subsequent loss in a different locality and in a neighbouring county, adds much interest to its history. *Leucojum vernum* may possibly not be accepted as truly indigenous, for, although it grows luxuriantly in its English habitat, it has no nearer authentic home than the Côté d'Or and Saône et Loire. In our memoir of this plant published in the Journal of Botany, 1866, we stated, on the authority of MM. Grenier et Godron, Flore de France, that M. Brébisson had found it at Auvillars, in Normandy; in his last edition of Flore de la Normandie, M. Brébisson rejects it, considering it to be a garden-escape.

Devon and Cornwall share with Dorset the enviable distinction of possessing the delicate southern-type plants *Polycarpon tetraphyllum*, *Lotus hispidus*, and *Cynodon Dactylon*.

FLORA.

PLAN OF THE FLORA.

A. Annual. B. Biennial. C. Perennial.

The authority upon which a plant is stated to occur follows the locality, and, where none is added, it must be concluded that the authority for its occurrence rests solely on that of the author.

The county, as has been already stated, is grouped into seven districts, distinguished by the Roman capitals A, B, C, D, E, F, G.

In the following List of Plants, the order agrees with that of the London Catalogue of British Plants (sixth edition).

The first line gives the Latin and English names; then follow in succession the names whereby they were designated previous to Linnæus, as well as their subsequent synonyms; the reference to Mr. Hewett Watson's important works on the distribution of plants in Great Britain; *Cybele Britannica*, Compendium to the same, and Supplement; Mr. Boswell Syme's important edition of Sowerby's *British Botany* (just completed); Babington's *British Manual*, sixth edition, 1871; Hooker's *Student's Flora*, 1871; Moore's *Nature-printed British Ferns*; and Newman's *History of British Ferns*, 1844; the conditions under which the plant grows; also whether it is a native, colonist, or an alien; the various gradations between very common and very rare; and, lastly, the extension of the plant in any of the four adjacent counties and Normandy.

SIGNS AND ABBREVIATIONS.

[]. The localities inclosed by square brackets designate the probability or the certainty that the plant no longer grows there, and if it incloses the whole account it is probably extinct in the county.

() Designates the doubt as to the accuracy of published statements, it being considered right not to omit them altogether.

* Before the Latin name indicates plants introduced, and more or less completely naturalised.

! After the Latin name indicates that the author has seen the plant growing in the county.

† That the author has *received* fresh-gathered specimens from the spot.

‡ That he has received dried specimens gathered within the last two years, or statements without such evidence on warrantable and undoubted authority.

LIST OF BOOKS, MSS. AND HERBARIA QUOTED.

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- Bab. Man.*.—Manual of British Botany. By Charles Cardale Babington, M.A. F.R.S. &c. Lond. ed. vi. 1867.
- Bauhin.*.—Caspari Bauhini Pinax Theatri Botanici. Basiliæ, 1623. (Reprinted, 1671.)
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- C. C. B.*.—Compendium of the Cybele Britannica. By Hewett Cottrell Watson. 1871.
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- Dill.*.—Dillenius.—v. *R. Syn.* iii.
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- E. B. Supp.*.—Supplement to *E. B.* Lond. vol. i. 1831; vol. ii. 1834; vol. iii. 1843; vol. iv. 1849; vol. v. (6 Nos.), 1865.
- E. Fl.*.—v. *Smith E. Fl.*
- Framp.*.—Mrs. Mary Frampton's MSS. of Dorsetshire Plants, etched, 5 vols.^a
- Ger. em.*.—The Herball, &c. by John Gerarde; very much

^a This is a valuable manuscript (now in the possession of Henry Frampton, esq. of Moreton House). Mrs. Mary Frampton combined the accomplishment of a talented artist with that of an experienced botanist. She carefully etched and entered the name of every plant recorded of the county; and, as she gives the localities of several others found by herself in the neighbourhood of Moreton and elsewhere, illustrated by her own hand, there is no reason for refusing them a place in the Flora of Dorset.

- enlarged and amended by Thomas Johnson. Lond. 1633.
(Again in 1636.)
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- Gray*.—A Natural Arrangement of British Plants according to their relations to each other. By Samuel Frederick Gray. 2 vols. Lond. 1821.
- Herb. Linn. Soc.*—The Smithian Herbarium and Herbarium of British Plants in the possession of the Linnæan Society, contains many of Joseph Wood's, A. B. Lambert's, Dr. Salter's and other botanists' specimens.
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- Linn. Soc. Journ.*—Journal of the Linnæan Society, Lond. 1857. And in progress.
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- Mag. Nat. Hist.*—Magazine of Natural History. Conducted by J. C. Loudon, 9 vols. 1829-36. New series, conducted by E. Charlesworth, 4 vols. 1837-40 (continued as Ann. and Mag. Nat. Hist. q.v.).
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- Park. Theatr.*—Theatrum Botanicum; the Theater of Plants; or, an Herball of large extent. Collected by John Parkinson. Lond. 1640.
- Parnell*.—The Grasses of Britain. By Richard Parnell, M.D. &c.; illustrated by figures drawn and engraved by the Author. Edinburgh and London, 1845.

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- Phyt. N. S.*—The Phytologist; a Botanical Journal, Edited by Alexander Irvine (a new series), 6 vols. May, 1855—July, 1863. Pult.
- R. Syn.*—Synopsis Methodica Stirpium Britann. auct. Joanne Raio. Lond. ed. i. 1690; ed. ii. 1696.
- R. Syn. iii.*—Joannis Raii Synopsis Meth. Stirp. Brit. Editio tertia. (Edited by J. J. Dillenius, M.D.) Lond. 1724.
- Salter's App.*—Appendix illustrative of the Botany of Poole and its neighbourhood. By J. B. Salter, M.D.
- Smith E. Fl.*—The English Flora. By Sir James Edward Smith, M.D. F.R.S. 4 vols. Lond. 1824-28.
- Syme E. B.*—English Botany. Edited by John T. Boswell Syme, ed. iii. with descriptions of all the species by the Editor. Lond. 1863-1871.
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- With.*—A Botanical Arrangement of British Plants, &c. By William Withering, M.D. F.R.S. ed. vii. 1830, 4 vols. (ed. viii. by W. Macgillivray, 1840).

LIST OF THE PRINCIPAL PERSONS WHO HAVE
CONTRIBUTED INFORMATION BEARING ON
THE FLORA.

- Austen*, Rev. J. H. Keyneston.
- Baker*, John Gilbert, F.L.S. Kew Gardens.
- Bingham*, Rev. C. W. M.A. Bingham's Melcombe.
- Bloxam*, Rev. Andrew, M.A. Twycross, Leicestershire.
- Barrett*, W. B. Weymouth.
- Buckman*, Prof. F.G.S. Bradford Abbas.
- Carruthers*, W. F.R.S. British Museum.
- Dale*, J. C., F.L.S.
- Eaton*, Rev. A. E. Little Bredy.
- Fox*, Rev. H. E., M.A. Oxford.
- Fox*, Rev. E. Romford.
- Ilchester*, The Right Hon. W. Earl of, Melbury.
- Newbould*, Rev. W. W. M.A. F.L.S. London.
- Payne*, Miss, Weymouth.
- Reid*, Mrs. Bridport.
- Syme*, J. T. Boswell, F.L.S. Balmuto, Fife.
- Trimen*, Henry, M. B. British Museum.
- Watson*, Hewett Cottrell, Thames Ditton, Surrey.

PHANEROGAMIA.

DICOTYLEDONES.

RANUNCULACEÆ.

CLEMATIS, *L.*

C. Vitalba, *L.*! *Traveller's Joy.*

Viorna, Ger. em.

C. C. B. p. 79. Syme, E. B. i. t. 1. Pult. p. 83.

Woods, thickets and hedges; native; frequent. Sh. June—September.

Its handsome foliage and downy tufts of seeds render it highly ornamental in the late autumn; it is locally termed *Old man's beard*.

A. Hedges, Lyme Regis; Puncnoll.

B. Bradford Abbas, *Prof. Buckman*.
Lane above Aily Well, Melbury.

C. Hedges, Park Mead House, Wyke Regis, *Mr. W. B. Barrett*;
the Weirs, east side of Portland.

D. Piddlehinton; Shitterton, Bere Regis; Bryant's Piddle.

E. Stourton Caundle; Honeycombe Wood.

F. General in this division.

G. Kimeridge; Gad Cliff; Flower's Barrow; Woody Hyde;
Langton Matravers.

Devon, Hants, Somerset, Wilts, Normandy.

THALICTRUM, *L.*

T. flavum, *L.*! *Meadow Rue.*

T. majus siliqua angulosa aut striata, C. B. Pin.

C. C. B. p. 80. Syme, E. B. t. 8. Pult. p. 83.

Sides of streams and ditches; native; common. P. June, July.

B. Bradford Abbas, *Prof. Buckman*.

C. Meadows, river Wey, between Broadway and Upway, *Mr. W. B. Barrett*; river Frome, Dorchester.

D. Chamberlaynes.

- E. Kings Mill; Glanvilles Wootton; Hanford.
- F. Shapwick; Spettisbury, *Dr. Pulteney*; Durweston.
- G. Stoborough meadows; South Haven, Poole.
Devon, Hants, Somerset, Wilts, Normandy.

ANEMONE, L.

- A. *nemorosa*, L.! *Wood Anemone*.
A. nemorum alba, *Ger. em.*
C. C. B. p. 80. Syme, E. B. t. 11. Turn. Herb. i. f. 17.
Woods, hedges, and fields; native; common. P. February—
May.
- A. Puncknoll Wood.
- B. Bradford Abbas; Melbury Bubb.
- C. Banks, Backwater Weymouth, *Mr. W. B. Barrett*.
- D. Chamberlaynes Copse; Ilsington Wood.
- E. Armswell; Melcombe Park; Piddle Wood, Sturminster
Newton; Glanvilles Wootton.
- F. Clenston Wood; Broadley; Chase.
- G. Grange Wood; Hyde Wood.
Devon, Hants, Somerset, Wilts, Normandy.

ADONIS, L.

- A. *autumnalis* L.! *Pheasant's Eye*.
Flos Adonis flore rubro, *Ger. em.*, *Raii Syn.*
C. C. B. p. 80. Syme, E. B. i. t. 13.
Pult. p. 83.
Cornfields. Colonist or alien; rare. A. May—September.
- C. Portland, abundant in the cornfields.
- F. "Occasionally in cornfields in the neighbourhood of Blandford; in a field opposite the first milestone on the Dorchester road; Stourpaine field on the borders of Camp-down." *Dr. Pulteney*.
- G. Cornfields between St. Alban's Head and Seacombe, *Mr. Borrer*. Worth, on the right hand side of the road leading to Langton. *Rev. L. Lester*.
Isle of Wight, Wilts, Normandy.

MYOSURUS, L.

- M. *minimus*, L.! *Mouse-tail*.
Cauda muris, *Ger. em.*
C. C. B. p. 81. Syme, E. B. i. 14. Pult. p. 76.
Gravelly and sandy fields; native; not common. A.
April—June.

- C. Field between the turnpike road and Lodmoor, *Mr. W. B. Barrett*.
Cornfield near the gasworks, Weymouth; Buxton Lane, Wyke Regis.
- D. Roadside between Bere Regis and Blandford, *Rev. E. Fox*.
- F. Langton Fields near Blandford, *Dr Pulteney*.
Parkston, *Dr. Bell Salter*; Ensbury, *Rev. J. H. Austen*.
- G. Cornfield, between Stoborough and Holme, also at Arne.
Isle of Wight, Wilts, Normandy.

RANUNCULUS, L.

- R. peltatus**, *Fries.!* *Peltate-leaved Water Crowfoot*.
C. C. B. p. 475. Syme, E. B. i. t. 17. Bab. Man. p. 8.
Ponds and ditches; native; frequent. P. April—September.
C. East Stoke.
E. Pond, between Lydlinch Common and Bagbere.
F. Pond, west of Winterbourn Kingston, near Abbots' Court.
- R. floribundus**, *Bab.!*
C. C. B. p. 475. Syme, E. B. i. t. 18. Bab. Man. p. 7.
Habits similar to the above.
A. Pond, Wootton Fitzpaine.
D. Ditches between Piddletown and Druce Farm; Pond, Milborne St. Andrew, south side; Morden Mill.
F. Winterbourn Kingston; Winterbourn Zelstone.
- R. heterophyllus**, *Fries.!* *Different-leaved Water Crowfoot*.
Syme E. B. i. t. 19. Bab. Man. p. 6.
Ponds and streams; native; not common. P. May—August.
D. Stream, Milborne St. Andrew; pond near the Reformatory School.
F. Pond, Winterborne Kingston.
Devon, Isle of Wight, Somerset, Wilts, Normandy.
- R. Baudotii** *Godr.!* *Baudot's Water Crowfoot*.
C. C. B. p. 475. Syme, E. B. i. t. 22, 23. Bab. Man. p. 7.
In ponds and ditches of brackish water; native; rare.
A. or P. April—September.
A. West Bexington near the beach.
C. Ditches, Lodmore near Weymouth.
G. Little Sea, Studland.
Normandy.
- R. pseudo-fluitans**. *Newb.!*
Streams.
Syme, E. B. p. 20. Bab. Man. p. 7.

- C. River Wey at Upway.
- D. River, Chamberlaynes; Milborne St. Andrew; Dewlish.
- F. Winterborn Zelstone.
A variety which has only recently been separated from the other forms of *Ranunculus aquatilis*.

R. Drouetii, F. Schultz.! *Drouet's Water Crowfoot.*

C. C. B. p. 81. Syme, E. B. i. t. 20. Bab. Man. p. 6.
Ponds; native; rare. P. May—August.

- A. Ditches, West Bexington.
- F. Dunberry Pond; Houghton; Kingston.
- G. Pond, Smedmore; Clavell's Hard, Kimeridge.
Wilts, Normandy.

R. trichophyllus, Chaix.! *Hair-leaved Water Crowfoot.*

C. C. B. p. 81. Syme, E. B. i. t. 21. Bab. Man. p. 6.
Ponds and ditches; native; common. P. May—August.

- A. Undercliff, Lyme Regis.
- C. Portland.
- E. Pond, Fontmell Magna.
- F. Pond, Almer; Winterbourn Kingston; Whitechurch; High Hall.
- G. Pond, Kimeridge.
Hants, Wilts, Normandy.

R. circinatus, Sib.! *Rigid-leaved Water Crowfoot.*

C. C. B. p. 81. Syme, E. B. i. t. 15. Bab. Man. p. 8.
Ran. aquat. alb. circinat. tenuiss. divis. fol. floribus ex alis longis pedic. innixis, Raii Syn.

- Rivers and streams; native; frequent. P. June—August.
- C. River Frome, Wareham; Stoke.
- E. Holwell.
- F. River Stour, Durweston; Spettisbury; Parley; river Allen, High Hall.
Hants, Somerset, Wilts.

R. fluitans, Lam.! *River Water Crowfoot.*

Ran. q. millefolium maratrichophyllum fluitans, Raii Syn.
Ran. peucedanifolius, Allioni Ped. R. aquatilis, Sm.

C. C. B. p. 82. Syme, E. B. i. t. 16. Bab. Man. 9.
Streams; native; not common. P. June, July.

- C. River Frome, Wareham.
- F. River Stour, Blandford.
Hants, Somerset, Wilts, Normandy.

R. tripartitus, D C. *Three-lobed Water Crowfoot.*

C. C. B. p. 82. Syme, E. B. i. t. 24. Bab. Man. p. 8.
Shallow ditches; native; rare. P. May—September.

G. Shore, Studland, *Mr. Borrer*.
Hants, Normandy.

R. Lenormandi, Schultz.! *Lenormand's Water Crowfoot.*

R. cænosus Bab.

C. C. B. p. 82. Syme, E. B. i. t. 25. Bab. Man. p. 9.

Ditches and wet places; native; frequent. P. April—
September.

A. Monckton Wylde.

C. Knighton; Broadmayne, *Mr. W. B. Barrett*.

D. Chamberlaynes; Morden Mills; Sherford Bridge.

E. Wet places near Melcombe Park.

F. Watery places near the Wimborne Turnpike Gate on the
Ringwood Road; Pond Lodge, High Hall.
Hants, Normandy.

R. hederaceus, L.! *Ivy-leaved Water Crowfoot.*

Ran. aquatilis hederaceus albus, *Raii Syn.*

Ran. hederula folio aquaticus, *Park.*

C. C. B. p. 82. Syme, E. B. i. t. 26. Pult. p. 83.

Muddy places, marshes and ponds; native; common. P.
March—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. Ficaria, L.! *Lesser Celandine.*

Chelidonium minus, *Raii Syn.*, *Ger. em.*

Ficaria ranunculoides, *Mærch.*

C. C. B. p. 83. Syme, E. B. i. t. 39.

Hedge banks and woods; native; common. P. February—
May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. Flammula, L.! *Lesser Spearwort.*

R. flammeus minor, *Ger. em.*

C. C. B. p. 83. Syme, E. B. i. t. 29.

Wet places and ponds, especially on the heaths; native;
common. P. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

Var. b. pseudo-reptans, Syme.!

R. reptans, *Thuill. (non Lin.)*

D. Boggy places, Cold Harbour, on the Bere Regis and
Wareham Turnpike.

R. Lingua, L.! Greater Spearwort.*R. flammeus major*, *Raii Syn.*, *Ger. em.*

C. C. B. p. 83. Syme, E. B. i. t. 31. Pult. p. 83.

Marshy places and ditches; native; rare. P. June—August.

A. Under Pillsden Hill, *Dr. Pulteney*.

D. Morden Lake.

E. Banks of Stour, Hammoon, *Rev. E. A. Eaton*.F. Hinton Parva, *Dr. Pulteney*; Moor's river near St. Leonard's Bridge.G. Nursery Wood, Langton Matravers, *Rev. L. Lester*; water-courses between Stoborough and Arne.

Devon, Hants, Somerset, Wilts, Normandy.

R. auricomus, L.! Wood Crowfoot.*R. nemorosus vel sylvaticus*, *C. B. Pin.*, *Ger. em.*

C. C. B. p. 83. Syme, E. B. i. t. 32. Pult. p. 83.

Woods and shady hedges; native; frequent. P. April, May.

B. Bradford Abbas, *Prof. Buckman*.

D. Grove, Bingham's Melcombe.

E. Lane between Stalbridge and Sturminster Newton.

F. Stickland Lane; Tarrant Crawford, *Rev. E. Binfield*; Clenston Wood; High Hall.

G. Hyde Wood, Steeple; Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

R. acris, L.! Upright Meadow Crowfoot.*R. surrectis cauliculis*, *Ger. em.*, *R. pratensis erectus acris*
C. B. Pin.

C. C. B. p. 84. Syme, E. B. i. t. 33.

Meadows and woods; native; very common. P. May—October.

Generally distributed.

Var. Steveni, Reich.!

F. Longthorns.

Devon, Hants, Somerset, Wilts, Normandy.

R. repens, L.! Creeping Crowfoot.*Ran. pratensis repens*, *Raii Syn.*, *Park.*

C. C. B. p. 84. Syme, E. B. i. t. 34.

Wet places, ditches, and road sides; native; common. P. May—December.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. bulbosus, L.! *Bulbous Crowfoot.**Ran. pratensis* rad. verticilli modo rotunda, C. B. Pin.

C. C. B. p. 84. Syme, E. B. i. t. 35.

Meadows and pastures; native; common. P. April—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. sceleratus, L.! *Round-leaved Water Crowfoot.**Ranunculus palustris rotundifolius*, Ger. em.

C. C. B. p. 85. Syme, E. B. i. t. 27.

Muddy ditches and wet places; native; not common. P. April—October.

B. Bradford Abbas, Prof. Buckman.

E. Fontmell Magna.

F. Meadow near Lower Manaton Water, Holt; Pamphill near Wimborne.

G. Moist ground near Middle Sea, Studland; Kimeridge.

Devon, Hants, Somerset, Wilts, Normandy.

R. hirsutus, Curt.! *Hairy Crowfoot.**Ran. rectus pallidioribus foliis*, Raii Syn., *Ran. bulbosus*, b. Huds., *R. philonotis* (Ehrh) Benth. *Handbook Brit. fl.*

C. C. B. p. 84. Syme, E. B. i. t. 36.

Waste land in damp places, especially in the vicinity of brackish water; native; rare. A. June—October.

F. Road-side between Parkstone and Poole harbour.

Devon, Hants, Somerset, Wilts, Normandy.

R. parviflorus, L.! *Small flowered Crowfoot.**R. hirsutus annuus flore minimo*, Raii Syn.

C. C. B. p. 85. Syme, E. B. i. t. 37. Pult. p. 83.

Fields and hedges; native; frequent. A. May, July.

B. Little Bredy, Rev. A. E. Eaton.

C. Woolbridge, Rev. E. Fox.

D. Hedge banks, Wyke Regis; Chickerell; Portland; Radipole, Mr. W. B. Barrett.

F. Fallow lands in the neighbourhood of Blandford, Dr. Pulteney; Chescombe; Bere Fields.

G. Kimeridge Copse; under walls, Worth Matravers; St. Alban's Head; Flower's Barrow; Hyde Wood; Studland; Creech.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

R. arvensis, L.! *Corn Crowfoot.**R. arvorum*, Raii Syn., Ger. em., *Ran. echinatus*, C. B. Pin.

- C. C. B. p. 85. Syme, E. B. i. t. 38.
 Cornfields; colonist; not common. A. May—July.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Cornfields between Radipole and Weymouth; Wyke Regis;
 Portland.
 E. Kingsmill; Donelyffe.
 F. Hanford.
 G. Blackmiston; Worth Matravers; Kimeridge; Creech.
 Devon, Hants, Somerset, Wilts, Normandy.

CALTHA, L.

- C. palustris, L.!** *Marsh Marigold*.
C. palustris major, Ger. em.
 C. C. B. p. 85. Syme, E. B. i. t. 40. Pult. p. 83.
 Moist places and river sides; native; common. P. March—
 June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

ERANTHIS, Salisb.

- *G. hyemalis, Salisb.** *Winter Aconite*.
Helleborus hyemalis, L.
 Cyb. B. i. p. 93, iii. p. 376. Syme, E. B. i. t. 43.
 Mr. Watson considers its introduction into lists of British
 plants to be on extremely slender grounds. Like the
 Snowdrop it lingers persistently in places where it was
 formerly cultivated.
 Thickets; alien; very rare. P. February, March.
 F. Between the World's End and Winterborne Zelstone, *Miss*
Pike.
 Normandy.

HELLEBORUS, L.

- H. viridis, L.!** *Green Hellebore*.
Helleborastrum, Ger. em.
 C. C. B. p. 86. Syme, E. B. i. t. 44. Pult. p. 83.
 Hedges and thickets; denizen; rare. P. February—
 April.
 A. Chapel Copse, Gorwell.
 F. Tollard Royal Wood, and in other parts of the Chace, *Dr.*
Pulteney; Lee Wood, Whatcombe; near the East Lodge,
 High Hall.
 Isle of Wight, Somerset, Wilts, Normandy.

H. foetidus, L.! *Stinking Hellebore.**Helleboraster maximus, Raii Syn., Ger. em.*

C. C. B. p. 86. Syme, E. B. i. t. 45.

Chalky shady places; denizen; rare. P. March, April.

F. Rushmore Wood, near the House.

Isle of Wight, Wilts, Normandy.

AQUILEGIA, L.**A. vulgaris, L.!** *Common Columbine.**A. flore simplici, Raii Syn.*

C. C. B. p. 86. Syme, E. B. i. t. 46. Pult. p. 83.

Fields and woods; native; frequent. P. May, June.

A. Poorstock Common, *Rev. E. Fox.*B. Melbury, *Rev. E. Bower.*F. Clenston and Abbey Milton Woods, *Rev. E. Binfield*; Dairy Copse, High Hall.G. Nursery Wood, Langton Matravers, *Rev. L. Lester*; Talbot's Wood, *Rev. J. H. Austen.*

Devon, Isle of Wight, Somerset, Wilts, Normandy.

DELPHINIUM, L.***D. Ajacis, Reich.** *Branching Larkspur.*C. C. B. p. 87. Syme, E. B. i. t. 47. Pult. p. 82. (*D. Consolida.*)This plant has usually been considered by British writers to be *D. Consolida, L.* Mr. Baker was the first to draw attention to the fact that it is not the common Continental species.

Cornfields; alien; rare. A. June, July.

F. Cornfields in the neighbourhood of Blandford, but in no place in any considerable quantity, *Dr. Pulteney.*G. Cornfield, Church Knowle, *Rev. O. L. Mansel.* Normandy.**ACONITUM, L.*****A. Napellus, L.!** *Common Monkshood.*

C. C. B. p. 87. Syme, E. B. i. t. 48.

Banks of rivers; denizen; rare. P. May—July.

A. Mangerton, *Rev. E. Fox*; river-side, Poorstock; a damp copse south of Lytton Cheney, on the Abbotsbury road.Whistle Bridge, on both sides of the stream, *Prof. Buckman*; Ryme, *Hon. J. Fox Strangways.*

B. River-banks, Melbury Osmond.

- D. Bingham's Melcombe Grove.
- E. Hermitage, *Mr. J. C. Dale*.
- F. Dairy Copse, High Hall.
Isle of Wight, Somerset, Normandy.

BERBERIDACEÆ.

BERBERIS, *L.*

- B. *vulgaris*, *L.* *Common Barberry.*
Spina acida sive Oxyacantha, *Ger. em.*
C. C. B. p. 87. Syme, E. B. i. t. 51. Pult. p. 76.
Hedges; denizen; not common; shrub. April—June.
- A. near the river at Loders, *Dr. Pulteney*; Foxholes, Little
Bredy, *Rev. A. E. Eaton*.
- B. Sherborne, probably naturalized, *Prof. Buckman*.
- C. Near Came Church, *Mr. J. W. White*.
- D. Near Bingham's Melcombe, *Rev. C. W. Bingham*.
- F. Lanes about Hod and Hambledon, *Dr. Pulteney*.
Isle of Wight, Wilts, Normandy.

NYMPHÆACEÆ.

NYMPHÆA, *L.*

- N. *alba*, *L.*! *White Water Lily.*
Raii Syn., *Ger. em.*
C. C. B. p. 88. Syme, E. B. i. t. 53. Pult. p. 82.
Rivers and ditches; native; frequent. P. June, July.
- D. Morden Park Lake.
- F. In considerable quantities between Blandford and Dur-
weston, *Dr. Pulteney*; Sturminster Newton; Kingsmill;
Spettisbury.
- G. Watercourses, Stoborough, also at Redcliff.
Devon, Hants, Somerset, Wilts, Normandy.

NUPHAR, *L.*

- N. *lutea*, *Sm.*! *Yellow Water Lily.*
Nymphæa lutea, *Raii Syn.*, *Ger. em.*
C. C. B. p. 88. Syme, E. B. i. t. 54.
Rivers and ditches; native; common. P. May—Sep-
tember.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

PAPAVERACEÆ.**PAPAVER, L.**

- P. hybridum, L.! Round-headed Poppy.**
P. laciniato folio, capitulo hispido rotundiore, Raii Syn.
 C. C. B. p. 88. Syme, E. B. i. t. 62. Pult. p. 82.
 Cornfields; colonist; rare. A. June, July.
- C. Wyke Regis, *Mr. G. S. Gibson*. Hedges of a cultivated field between Radipole and Weymouth.
- F. Spettisbury and Charlton Fields, *Rev. E. Binfield*.
 Cornfield, Milborne St. Andrew.
- G. Cornfield between Seacombe and Worth Matravers.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.
- P. Argemone, L.! Long-headed Poppy.**
P. laciniato folio capitulo hispido longiore, Raii Syn.
 C. C. B. p. 89. Syme, E. B. i. t. 61. Pult. p. 82.
 Cornfields and sandy places; colonist; rare. A. May—
 July.
- B. Occasionally in sandy fields, Bradford Abbas, *Prof. Buckman*.
- C. Portland, *Mr. G. S. Gibson*; near the Railway Station, Weymouth.
- E. Old walls about Shaftesbury, *Dr. Pulteney*.
- F. Sparingly among corn near Blandford, *Dr. Pulteney*; sides of Railway between Poole and the Junction.
- G. Corfe Castle, *Mr. W. Borrer*; Cornfields at Punfield near Swanage.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.
- P. dubium, L.! Smooth-headed Poppy.**
P. laciniato folio, capitulo longiore glabro, Raii Syn.
 C. C. B. p. 89. Syme, E. B. i. t. 59, 60.
 Cornfields and walls; colonist; rare. A. June, September.
 Var. *P. Lecoqii, Lamotte*.
- B. Bradford Abbas, *Prof. Buckman*.
- G. Hedges, Corfe Castle, between the ruins and the turnpike road, on the west side of the river; Worth Matravers, Studland.
 Var. *P. Lamottei. Bor.*
- B. Bradford Abbas, *Prof. Buckman*.
 Isle of Wight, Wilts, Normandy.
- P. Rhæas, L.! Common Red Poppy.**
P. laciniato folio capitulo brevior glabro annuum Rhæas dictum, Raii Syn.

C. C. B. p. 89. Syme, E. B. i. t. 58.
 Cornfields; colonist; common. A. May—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

Var. b. strigosum, Boenn.!

P. intermedium, Becker.
 Reich. Icon. iii. t. 16.

D. Bere Regis.

F. Milborne St. Andrew.

G. Punfield, Swanage.

Isle of Wight, Wilts, Normandy.

***P. somniferum, L.! Common Garden Poppy.**

P. sylvestre, Raii Syn., Ger. em.

Syme, E. B. i. t. 57.

Sea coast; denizen; rare. A. June, July.

C. Holworth Cliff and Whitenore; it grows equally abundantly
 on the Kimeridge clays and chalk.

Devon, Somerset, Normandy.

CHELIDONIUM, L.

***C. majus, L.! Celandine.**

C. C. B. p. 90. Syme, E. B. i. t. 67. Pult. p. 82.

Hedges and walls near houses; denizen; frequent. P.
 April—October.

A. Netherbury, *Rev. E. Fox.*

B. Bradford Abbas, *Prof. Buckman.*

C. Lane leading from Radipole to Chickerell, *Mr. W. B.*
Barrett.

D. Roke Farm, Bere Regis.

E. Hedges between Stourton Caundle and Stalbridge; Stur-
 minster Newton.

F. Whitchurch; Durweston.

G. Herpston, Steeple; West Lulworth; Studland; Arne.

Devon, Hants, Somerset, Wilts, Normandy.

GLAUCIUM, Tournef.

G. luteum, Scop.! Yellow-horn-Poppy. Squal (of the Port-
 land Islanders.)

Papaver corniculatum luteum, Raii Syn., Park. Noticed
 by Turner as growing in Dorset. *Chelidonium Glau-*
cium, L.

C. C. B. p. 90. Syme, E. B. i. t. 66. Pult. p. 82.

Sandy sea-shores; native; common. B. May—October.

- A. Shore, Bridport; Charmouth; Burton Bradstock; Lyme Regis.
- C. Weymouth; Chesil Bank, *Dr. Pulteney*; Arish Mill; White Nore.
- G. Kimeridge Bay; Punfield; Studland Bay.
Devon, Isle of Wight, Somerset, Normandy.

FUMARIACEÆ.

CORYDALIS, *De Cand.*

- C. *claviculata*, *D C.!* *White climbing Fumitory.*
Fumaria alba latifolia, *Raii Syn., Park.*
C. C. B. p. 90. Syme, E. B. i. t. 70. Pult. p. 88.
Bushy places; native; rare. A. May—August.
- C. Lane north-east of the burial ground, Weymouth; Rope Walk Lane, *Mr. W. B. Barrett*; Binegar Copse, Stoke,
Rev. E. Fox.
- D. Plantation, Bestall, Wareham.
- F. Copse at Ensbury, *Rev. J. H. Austen.*
- G. Isle of Purbeck, *Dr. Pulteney*; dry bank near Mr. Pike's wharf, Redcliff, Wareham.
Devon, Hants, Somerset, Normandy.
- *C. *lutea*, *D C.!* *Yellow Fumitory.*
Fumaria lutea, *Ger. em.*
Syme, E. B. i. t. 69.
On old garden walls; denizen: frequent. P. July—September.
Devon, Somerset, Wilts, Normandy.

FUMARIA, *L.*

- F. *capreolata*, *L.* *Rampant Fumitory.*
F. major scandens flore pallidior, *Raii Syn.*
C. C. B. p. 90.
Hedges and bushy places; native; rare. A. May—September.
- a. F. *pallidiflora*, *Jord.!*
Syme, E. B. i. t. 71. Bab. Man. p. 19.
- G. Hedges and among gorse near the coast-guard station, Kimeridge; banks, Creech, near the clay pits.
- b. F. *confusa*, *Jord.!*
Syme, E. B. i. t. 73. Bab. Man. p. 19.
- F. Sandy ground, Parkstone; waste sides of the Railway

- between Ham and the Poole Junction; cornfields, Dev-
rill, Milborne St. Andrew's; Holt near Wimborne.
G. Hedges, Church Knowle; Arne; Swanage; Ulwell, near the
turnpike-gate; Redcliff, near Wareham.
Devon, Hants, Somerset, Wilts, Normandy.

F. officinalis, L.! *Common Fumitory.*

F. purpurea, Ger. em. *F. vulgaris*, Raii Syn., Park.

C. C. B. p. 91. Syme, E. B. i. t. 76.

Cultivated ground and hedgebanks; colonist; common. A.
March—December.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

F. micrantha, Lag.! *Close-flowered Fumitory.*

C. C. B. p. 91. Syme, E. B. i. t. 75.

Cornfields; colonist; rare. A. June—September.

- G. Cultivated ground, Knowle, Milborne St. Andrew.
Wilts, Normandy.

F. parviflora, Lam.! *Lamarck's small-flowered Fumitory.*

C. C. B. p. 91. Syme, E. B. i. t. 78.

Cultivated ground; colonist; rare. A. June—September.

- G. Waste ground, Parley.

CRUCIFERÆ.

CALILE, Gartn.

C. maritima, Scop.! *Sea Rocket.*

Eruca marina, Ger. em. *Bunias Calile*, L.

C. C. B. p. 92. Syme, E. B. i. t. 79. Pult. p. 86.

Sandy sea-shores; native; frequent. A. June—Sep-
tember.

- A. Burton Bradstock; Charmouth, Rev J. Jones.

C. Fleet, Wyke Regis.

F. Opposite Branksea Castle, North Haven, Dr. Pulteney.

- G. Kimeridge, Swanage and Studland Bays.

Devon, Hants, Somerset, Normandy.

GRAMBE, L.

C. maritima, L.! *Sea Kale.*

Brassica marina Anglica, Ger. em.

C. C. B. p. 92. Syme, E. B. i. t. 80. Pult. p. 86. With-
ering, p. 696.

Sea Cliffs; native; rare. P. June.

- A. Cliffs between Burton Bradstock and Bridport Harbour.
- C. Chesil Bank and about Weymouth, *Dr. Pulteney*; Lulworth Cove, *Withering*.
- G. Winspit Quarry, *Rev. L. Lester*.
Devon, Isle of Wight, Hants, Somerset, Normandy.

CORONOPUS, Gaertn.

- C. *didyma*, Sm. ! *Lesser Swine's Cress*.
Senebiera didyma Pers. Lepidium didymum, L. (Smith).
C. C. B. p. 92. Sm. E. B. i. t. 159.
Waste ground near the sea; native; rare. A. July—September.
- A. Lyme Regis.
- F. Ballast Quay, Poole; waste ground near the Railway station, Ham.
- G. Shore, Swanage.
Devon, Isle of Wight, Somerset, Normandy.
- C. *Ruellii*, Gaertn. ! *Common Swine's Cress*.
Nasturtium supinum capsulis verrucosis, Raii Syn.
C. C. B. p. 92. Syme, E. B. i. t. 160. Pult. p. 86.
Roadsides and waste ground; native; frequent. A. May—September.
- A. Bridport Harbour.
- C. Weymouth; West Lulworth; pond, below the County Lunatic Asylum, Charminster; Abbotsbury; Holworth.
- D. Chamberlaynes.
- E. Waste ground between Folke and Bishop's Caundle.
- F. Pond, Farnham Common.
- G. Poole Harbour, north side; Stoborough meadows; Studland; Kimeridge.
Devon, Hants, Somerset, Wilts, Normandy.

THLASPI, L.

- T. *arvense*, L. ! *Penny Cress*.
T. Dioscoridis, Raii Syn., Ger. em.
C. C. B. p. 93. Syme, E. B. i. t. 144.
Fields and roadsides; colonist; not common. A. May—July.
- A. Cultivated ground, West Bexington, near the beach.
- C. Roadside between Weymouth and Chickrell, near the Marquis of Granby public-house, *Mr. W. B. Barrett*.
- E. Waste ground between Folke and Bishop's Caundle.
- F. Cultivated ground near "The Rings," Milborne St. Andrew; road side, Winterborne Kingston.

- G. Cornfields near "The Hive," Poole Harbour; abundant.
Devon, Hants, Somerset, Wilts, Normandy.

CAPSELLA, D. C.

- C. *Bursa-pastoris*, D C.! *Shepherd's Purse*.
Bursa pastoris, Raii Syn., Ger. em. *Thlaspi Bursa-pastoris*, L.
C. C. B. p. 93. Syme, E. B. i. t. 152.
Cultivated ground and waste places; native; common. A.
March—December.
Generally distributed.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

TEESDALIA, R. Br.

- T. *nudicaulis*, Br.! *Naked-stalked Teesdalia*.
Nasturtium petræum, Raii Syn. *Iberis nudicaulis*, L.
C. C. B. p. 94. Syme, E. B. i. t. 150.
Sandy and gravelly places; native; rare. A. April—June.
F. Sandy banks, Ensbury, Rev. J. H. Austen.
Devon, Wilts, Normandy.

IBERIS, L.

- I. *amara*, L.! *Bitter Candytuft*.
Thlaspi amara, Ger. em.
C. C. B. p. 94. Syme, E. B. i. t. 149.
Sandy and gravelly places; alien; rare. A. July.
C. Cornfields south of Convict Prison, Portland, near the cliff,
Mr. W. B. Barrett.
D. Shitterton Farm, Bere Regis.
Hants, Normandy.

LEPIDIUM, L.

- L. *Smithii*, Hook.! *Hairy Mithridate Pepperwort*.
C. C. B. p. 95. Syme, E. B. i. t. 157.
Borders of fields and hedges; native; frequent on the
Tertiaries. P. April—August.
C. Hedges near the cemetery, Weymouth.
D. Banks, Sherford Bridge; Bestall Farm, near Wareham;
Chamberlaynes.

- G. Borders of fields, Kingston; Swyre Hill, Kimeridge; Arne; hedges between Wool and Holme; "The Hive," Poole Harbour.

Devon, Hants, Somerset, Normandy.

L. campestre, Br.! *Common Mithridate Pepperwort.*

Thlaspi, Turn. Thlaspi vulgatus, Raii Syn. Thlaspi campestre, L.

C. C. B. p. 95. Syme, E. B. i. t. 156. Pult. p. 86.

Cornfields and waste ground; native; not common. P. April—August.

- B. Bradford Abbas, *Prof. Buckman.*

C. Hedge near the Maiden Newton Railway Station, *Rev. E. Fox*; Lodmoor.

F. Hedge between Wimborne and the Railway-station.

G. Talbot's Wood, Langton Matravers, *Rev. L. Lester*; Arne; Blachenwell, Kingston; Quarry Farm, Encombe.

Devon, Hants, Somerset, Wilts, Normandy.

L. rudérale, L.! *Narrow-leaved Pepperwort.*

Nasturtium sylvestre osyridis folio, Raii Syn., Park. Thlaspi minus, Ger. em.

C. C. B. p. 95. Syme, E. B. i. t. 154. Salter's List.

Waste ground near the sea; denizen?; rare. A. May, June.

- F. Ham Ballast Quay, Poole, *Dr. Salter.*

COCHLEARIA, L.

C. polymorpha, Syme.

Sub. sp. i. C. officinalis, L.! *Common Scurvy-Grass.*

Cochlearia, Raii Syn. C. rotundifolia, Ger. em.

C. C. B. p. 95. Syme, E. B. i. t. 130. Pult. p. 86. Phytologist, i. p. 735.

Sea coast; native; uncommon. B. June—August.

- C. Portland, *Rev. H. E. Fox.*

F. On the cliffs as well as the sandy shores, *Dr. Pulteney.*

G. Gadcliff; Winspit; South Haven, Poole.

Devon, Hants, Somerset, Normandy.

Sub. sp. ii. C. danica, L.! *Hastate-leaved Scurvy-Grass.*

C. marino folio anguloso parvo, Raii Syn. Thlaspi hederaceum, Ger. em.

C. C. B. p. 96. Syme, E. B. i. t. 132. Pult. p. 86. Phytologist, 2 ser. ii. 603. With. p. 709.

Sea coast; native; not common. B. April—August.

- A. Lyme Cobb, *Dr. Pulteney*.
 C. "Noticed in Portland so long since by Lobel as on the cliffs of the island, and on those of Purbeck," *Dr. Pulteney*; Chesil Bank, by the road, *G. S. Gibson*.
 G. Roofs of houses and on walls, Swanage, *Rev. O. L. Mansel*; St. Alban's Head, *Rev. J. Penny*; Ebrai Quarry, Langton Matravers; Tilly Whim; Clavell's Hard, Kimeridge. Devon, Somerset, Normandy.
- C. *anglica*, L.!** *Long-leaved Scurvy-grass*.
C. folio sinuato, *Raii Syn.* *C. Britannica*, *Ger. em.*
C. C. B. p. 96. *Syme*, *E. B. i. t.* 133. *Pult.* p. 86.
 Muddy sea shores and estuaries; native; not common.
 A. April, May.
 C. Banks of the river near Redcliff, Wareham.
 F. North Haven, Poole Harbour.
 G. Salt marsh between Studland and South Haven, Poole. Devon, Isle of Wight, Somerset, Normandy.

DRABA, L.

- D. *verna*, L.!** *Common Willow Grass*.
Paronychia vulgaris, *Raii Syn.*, *Ger. em.*
C. C. B. p. 97. *Syme*, *E. B. i. t.* 134, fig. 1.
 Walls and banks; native; common. A. March, April.
 Generally distributed.
- Sub. sp. ii. *brachycarpa*, Jord.!**
Syme, *E. B. i. t.* 134, fig. 2.
 F. Deverill Down; Bulbarrow.
 G. Down between Worth and Seacombe. Devon, Hants, Wilts, Somerset, Normandy.

CAMELINA, Crantz.

- *C. *sativa*, Crantz.** *Gold-of-Pleasure*.
Myagrum, *Raii Syn.*, *Ger. em.*
Syme, *E. B. i. t.* 141.
 Flaxfields; alien. A. June.
 Flaxfields about Bridport and Lyme Regis, *Hudson*.
 Flaxfield, Lee Farm, Whatcombe. Normandy.

CARDAMINE, L.

- C. *amara*, L.** *Bitter Lady's Smock*.
Cardamine flore majore elatior, *Raii Syn.* *Nasturtium aquaticum amarum*, *Park*.

C. C. B. p. 98. Syme, E. B. i. t. 108. Pult. p. 86.

Moist meadows; native; rare. P. May, June.

Not confirmed since Dr. Pulteney's time.

A. Loders near Bridport, *Dr. Pulteney*.

F. Moist meadows on the river Stour, especially such as are liable to be overflowed, *Dr. Pulteney*.

Hants, Normandy.

C. pratensis, L! *Meadow Lady's Smock.*

Cardamine, Raii Syn. Ger. em. C. altera, Lobel.

C. C. B. p. 98. Syme, E. B. i. t. 109.

Moist meadows and woods; native; common. P. April, May.

Generally distributed.

A double form grows, above the village of Milton Abbas on the east side, and at Hazlebury Bryan.

Devon, Hants, Somerset, Wilts, Normandy.

C. hirsuta, L.

C. C. B. p. 98.

Sub. sp. i. C. hirsuta, L. (Bab.)! *Common Hairy Lady's Smock.*

C. eu-hirsuta, Syme, E. B.

Syme, E. B. i. t. 110. Bab. Man. p. 27.

Dry places, garden walks, and walls; native; common. A. March—September.

Generally distributed.

Sub. sp. ii. C. sylvatica, Link.!

Syme, E. B. i. t. 111. Bab. Man. p. 27.

Ditches, banks, damp road sides, and woods; native; common. B. or P. March—September.

A. Puncknoll.

C. Melbury Wood.

D. Chamberlaynes.

E. Piddle Wood, Sturminster Newton.

F. Roadside between Winterborne Kingston and Anderson.

G. Kimeridge Copse; Horse Copse, Steeple.

Devon, Hants, Somerset, Wilts, Normandy.

ARABIS, L.

A. thaliana, L! *Thale Cress.*

Pilosella siliquosa, J.B. P. Turritis vulgaris ramosa, Raii Syn.

C. C. B. p. 99. Syme, E. B. i. t. 115. Pult. p. 87.

Walls, hedge banks, cultivated ground; native; common.

A. April—October.

- A. Loders, *Dr. Pulteney*; Lyme Regis.
- C. Hedges, Kingcombe.
- D. Cornfields, Bere Regis; Cold Harbour, near Wareham.
- E. Old walls, Shaftesbury, *Dr. Pulteney*; banks, Fiddleford; walls, Stalbridge.
- F. Walls, Stickland Lane, *Dr. Pulteney*; Blandford; Longthorns; Clenston; Winterborne Kingston.
- G. Walls, Smedmore.
Devon, Hants, Somerset, Wilts, Normandy.

A. hirsuta, Br.! Hairy Rock-Cress.

Erysimo similis hirsuta planta, Park. Turritis hirsuta, L.
C. C. B. p. 100. Syme, E. B. i. t. 116. Pult. 76.

Walls and banks; native; frequent. B. April—October.

- A. Milton, near Poorstock; Bridehead.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Portland, *Mr. H. Groves*; Stony slopes near Hook Park.
- D. Cultivated fields near Cold Harbour, Wareham; hedges, Chesilborne and Plush.
- E. Lane, Tollard Royal, near the village pound, *Dr. Pulteney*.
- F. Hedge banks, Deverill Down; park walls, Eastbury and Milton Abbey; banks between Stickland and Houghton; Melbury Abbas.
- G. Stony slopes, Kimeridge Hill; Cocknowle Hill; hedge banks between Rempstone and Studland; ruins, Corfe Castle.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

TURRITIS, L.

(T. glabra, L. Tower Wall-Cress.

Turritis. Raii Syn., Ger. em.

C. C. B. p. 100. Syme, E. B. i. t. 118. Pult. p. 87.

The plant in the Pulteney herbarium, British Museum, seems to be a species of *Brassica*, *Rev. W. Newbould*.

- C. On old walls at Dorchester, *Dr. Pulteney*.)

BARBAREA, R. Br.

B. vulgaris, R. Br.! Common Yellow-Rocket.

Barbarea, Ger. em. Erysimum Barbarea, L.

C. C. B. p. 100. Syme, E. B. i. t. 120.

Damp hedges; fields and riversides; native; common. B.
May—August.

The form with slender arched pods (*b. divaricata, Lond. Cat.*) grows rather abundantly in a cultivated field

between the Reformatory School, Milborne, and the turnpike road.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

***B. præcox, R. Br.!** *American Cress.*

Erysimum præcox, Eng. Bot. *E. Barbarea*, b. L.

Syme, E. B. i. t. 124. Bab. Man. p. 26.

Waste ground and road-side; alien; rare. B. May.

C. Near the Gas house, Weymouth.

F. Road-side near the Cemetery, Blandford.

NASTURTIIUM, R. Br.

N. officinale, R. Br.! *Common Watercress.*

N. aquaticum supinum, C. B. P. *Sisymbrium nasturtium*, L.

C. C. B. p. 100. Syme, E. B. i. t. 125.

Running water; native; common. P. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

Var. b. siifolium, Reich.!

Reich. Icon. ii. t. 50. Syme, E. B. i. p. 177.

F. Stream, Milborne St. Andrew.

N. terrestre, R. Br.! *Marsh Yellow-cress.*

Sisymbrium terrestre, Sm. *N. palustre*, D C.

C. C. B. p. 101. Syme, E. B. i. t. 127. Pult. p. 87.

Wet places; native; common. P. June—September.

C. Marshy meadows between Stafford and Bockhampton, Rev.

E. Binfield.

D. Lytchett; Burleston; roadside between Roke Farm and Bere Regis.

E. Meadows near King's Mill; banks of the river near Lydlinch.

F. Meadow, Durweston; pond, Almer; river side, Verwood; Canford.

Devon, Hants, Somerset, Wilts, Normandy.

N. sylvestre, R. Br.! *Creeping Yellow-Cress.*

Eruca aquatica, Raii Syn., Ger. em. *Sisymbrium sylvestre*, L.

C. C. B. p. 101. Syme, E. B. i. t. 126. Pult. p. 86.

Dr. Salter's List.

River banks and wet places; native; not common. P. June—August.

C. Meadows East Stoke, Rev. E. Fox.

- F. Meadow at Blandford, near Whitecliff Mill, *Rev. E. Binfield*; meadows between the church and the mill, Spettisbury; banks of the Stour, Parley.
Devon, Somerset, Wilts, Normandy.

SISYMBRIUM, L.

- S. *officinale*, Scop.! *Hedge-mustard*.
Eruca hirsuta siliqua caule appressa, *Erysimum dicta*, Raii
Syn. Erysimum officinale, L.
C. C. B. p. 101. Syme, E. B. i. t. 96.
Waste places and on walls; native; very common. A. or
B. April—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- S. *Sophia*, L.! *Flizweed*.
Sophia chirurgorum, Ger. em. *Nasturtium sylv. tenuissimum*
divisum, C. B. Pin.
C. C. B. p. 102. Syme, E. B. i. t. 98. Pult. p. 87.
Waste places; native; rare. A. June—August.
A. Heaps of rubbish, Allington, *Rev. E. Fox*.
B. Bradford Abbas, in hedges; common; *Prof. Buckman*.
F. By the shore at Ham, Poole, *Dr. Pulteney*; waste ground
near Peter's finger Publichouse, Lytchett.
Devon, Somerset, Wilts, Normandy.

- S. *Irio*, L. *London Rocket*.
Erysimum latifolium majus glabrum, C. B. Pin.
C. C. B. p. 102. Syme, E. B. i. t. 99.
On walls and dry waste ground; denizen; rare. A. July,
August.
D. Hurst Bridge, *Mrs. Mary Frampton*.
Wilts, Normandy.

ERYSIMUM, L.

- E. *cheiranthoides*, L.! *Treacle Hedge-mustard*.
Camelina, Ger. em. *Cheiranthus erysimoides*, Huds. fl.
C. C. B. p. 102. Syme, E. B. i. t. 102. Pult. 87.
Cultivated ground; colonist; rare. B. June—August
C. Cornfields, Great Toller, *Rev. E. Fox*.
D. Moist places, Piddletown, *Rev. E. Binfield*.
F. Cultivated ground, Deverill, Milborne St. Andrew.
Devon, Hants, Somerset, Normandy.

- E. Alliaria, L.! Garlick Hedge-mustard.**
Hesperis allium redolens, Raii Syn. *Alliaria*, Ger. em.
 C. C. B. p. 102. Syme, E. B. i. t. 100.
 Hedge banks; native; common. B. May, June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

CHEIRANTHUS, L!

- *C. Cheiri, L.! Wall-Flower.**
Leucojum luteum vulgo Cheiri flore simplici, Raii Syn.
 Syme, E. B. i. t. 106.
 Old walls; alien; not common. P. April, May.

BRASSICA, L.

- B. oleracea, L.! Sea Cabbage.**
B. maritima arborea seu procerior ramosa, Raii Syn.
 C. C. B. p. 103. Syme, E. B. i. t. 87. Phyt. i. ser. iii. p. 265.
 Cliffs by the sea; denizen(?); rare. B. May—September.
 "The Brassica which grows between Durdle Door and Lulworth is distinguished from *B. oleracea*, by the turgid and seed-bearing beak," *Mr. J. Woods*.
 C. Between Lulworth and Durdle Door; Cliffs, Portland.
 G. Cliffs, Kimeridge Bay; Winspit; St. Alban's Head.
 Devon, Isle of Wight, Somerset, Normandy.
- B. polymorpha, Syme.**
 C. C. B. p. 103.
- Sub. sp. i. B. Napus, L.! Navew, Winter Rape.**
Napus sylvestris, Raii Syn.
 Syme, E. B. i. t. 88.
 River banks and cultivated ground; colonist; common.
 A. or B. May—October. Probably escaped from cultivation.
- Sub. sp. ii. B. campestris, L.! Summer Rape, Colza, Swedish Turnip.**
Perfoliata siliquosa, Ger. em.
 Syme, E. B. i. t. 89.
 Sides of fields and road sides; colonist; frequent. A. or B. May—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

SINAPIS, *Theoph.*

- S. arvensis, L.!** *Wild Mustard or Charlock.*
Rapistrum arvorum, Ger. em., Park.
 C. C. B. p. 104. Syme, E. B. i. t. 83.
 Corn-fields; native; common. A. May—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- S. alba, L.!** *White Mustard.*
 C. C. B. p. 104. Syme, E. B. i. t. 84.
 Cultivated and waste land; colonist; common. A. July—November.
 Generally distributed.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.
- S. nigra, L.!** *Black Mustard.*
Sinapi sativum secundum, Raii Syn., Ger. em.
 C. C. B. p. 104. Syme, E. B. i. t. 85. Pult. p. 87.
 River-sides, hedges and waste places; native (?); frequent.
 A. June—September.
 A. West Bexington, near the beach.
 C. Cliffs, Holworth; Portland.
 F. Banks of Stour, Durweston.
 G. Cliffs, Kimeridge Bay; sides of the stream through the Vale from Worbarrow to Swanage; abundant on the Swanage Cliffs.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.
- S. tenuifolia, R. Br.!** *Wall Rocket.*
Eruca sylvestris, Raii Syn., Ger. em. Sisymbrium tenuifolium, L. Diplotaxis tenuifolia, D C. Brassica tenuifolia, Bois. (Syme).
 C. C. B. p. 104. Syme, E. B. i. t. 93. Salter's List.
 Old walls and waste ground; denizen; rare. P. July—September.
 F. Ham Ballast Quay, Poole, *Dr. Pulteney.* Sandy ground on the sides of the railway between the Poole terminus and the junction with the main line; Little Canford.
 Devon, Somerset, Normandy.
- S. muralis, Br. R.!** *Sand Rocket.*
Sisymbrium murale, L. Brassica muralis, Bois (Syme). Diplotaxis muralis, R. Br.
 C. C. B. p. 105. Syme, E. B. i. t. 94. Pult. p. 87.

- Waste ground; denizen; rare. A. August, September.
 C. Weymouth, on the south side of the Quay; roadside between Portland and the Ferry Bridge.
 D. Ham Ballast Quay, Poole, *Dr. Salter*.
 F. Walls, Shaftesbury.
 This plant was not distinguished from the preceding species by British botanists, previous to Dr. Smith, and is probably a recent introduction.
 Hants, Somerset, Normandy.

RAPHANUS, L.

- R. Raphanistrum, L.! Wild Radish.**
Rapistrum album articulatum, Park.
 C. C. B. p. 105. Syme, E. B. i. t. 81. Pult. p. 87.
 Cultivated ground; colonist; common. A. June—November.
 A. Common fields, Bridport, *Rev. J. Jones*.
 C. Corn-fields, Wool.
 D. Chamberlayne's, Bere Regis.
 F. Winterborne Whitchurch.
 G. Kimeridge.
 Devon, Hants, Somerset, Normandy.
- R. maritimus, Sm.! Sea Radish.**
Raphanistrum q. Raphanus maritimus flore luteo, siliquis articulatis, Raii Syn. R. Raphanistrum c, Sm. fl.
 C. C. B. p. 105. Syme, E. B. i. t. 82.
 Sea coast; native; rare. B.? June—August.
 A. Waste ground, shore, Charmouth.
 Devon, Isle of Wight, Somerset, Normandy.

RESEDACEÆ.

RESEDA, L.

- R. Luteola, L.! Weld.**
Luteola herba salicis folio, C. B. P.
 C. C. B. p. 106. Syme, E. B. i. t. 164. Pult. p. 81.
 Waste chalky and limestone places; native; frequent. B.
 May—September.
 C. Came, *Mr. W. B. Barrett*; Undercliff, Portland; Holworth Cliff; West Lulworth.
 F. Hedges between Thorncombe and Charlton; Bryanston Park wall, south side; Chescombe Farm, Milton Abbas; Tarrant Gunville.

- G. Worbarrow Bay; common near the sea at Studland and Swanage quarries; Langton Matravers quarries.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

R. lutea, L.! Wild Mignonette.

R. vulgaris, Raii Syn. Reseda Plinii, Ger. em.

C. C. B. p. 106. Syme, E. B. ii. t. 162. Pult. p. 81.

Cultivated ground; native; frequent. B. May—September.

- D. Roke Farm; fields between Cheselborne and Piddle-trenthide.

- F. Sturminster Marshall; Whitchurch Farm, very abundant; Clenston; Winterborne Kingston; Thorncombe.

- G. Swanage.

Devon, Isle of Wight, Somerset, Wilts, Normandy

CISTACEÆ.

HELIANTHEMUM, Gaert.

H. vulgare, Gaert.! Common Rock-rose.

H. anglicum luteum, Ger. em.

C. C. B. p. 106. Syme ii. t. 168. Pult. p. 82.

Hedges and pastures; native; common; Shrub. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

VIOLACEÆ.

VIOLA, L.

V. palustris, L.! Marsh Violet.

V. palustris rotundifolia glabra, Raii Syn.

C. C. B. p. 107. Syme, E. B. ii. t. 170.

Bogs; native; rare. P. April—June.

- A. Monckton Wyld, *Rev. L. Lester*; under Pillesdon Hill; Poorstock Common, *Rev. E. Fox*.

- C. Toller Fratrum.

- F. Boggy ground near the turnpike gate, Wimborne, on the Ringwood road.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

V. odorata, L.! Sweet Violet.

V. Martia alba et purpurea, Raii Syn.

C. C. B. p. 107. Syme, E. B. ii. t. 171.

Hedge banks; native; common. P. March, April. Generally distributed.

Devon, Hants, Somerset, Wilts Normandy.

V. hirta, L.! Hairy Violet.*V. Martia major hirsuta inodora, Raii Syn.*

C. C. B. p. 108. Syme, E. B. ii. t. 172. Pult. p. 72

Woods, thickets and hedges; native; common, especially on the chalk. P. April, May.

C. Portland.

D. Melcombe Tout.

E. Bagbere Lane; Honeycombe.

F. Milborne St. Andrew's, Mr. E. Foster, jun; Milton Abbas.

G. North Hill, Steeple; road side between Corfe Castle and Kingston; bushy banks, Langton Matravers.
Devon, Isle of Wight, Somerset, Wilts, Normandy.**Var. b. calcaria, Bab.**

Bab. Man. p. 40.

C. Portland, Mr. C. C. Babington.

V. sylvatica, Fries. Wood Violet.*V. Martia inodora sylvestris, Raii Syn. V. canina sylvestris, Ger. em.*

C. C. B. p. 108.

Sub. sp. i. V. Riviniana, Reich.!

Syme, E. B. ii. t. 173.

Woods, hedgerows, and heaths; native; common. P.
April—September.*Var. b. flavicornis, Forst.* is very abundant on the heath district**Sub. sp. ii. V. Reichenbachiana, Bor.!**

Syme, E. B. ii. t. 174.

Less common than the above.

D. Chamberlayne's.

E. Lane between Stalbridge and Bagbere; hedges, Stoke Wake, abundant.

F. Milton Woods; Steepleton; Clenston.

Devon, Hants, Somerset, Wilts, Normandy.

V. canina, L. (Bab.) Dog Violet.

C. C. B. p. 108.

Sub. sp. i. V. flavicornis, Sm.! *Dillenius's Dog Violet.*

Syme, E. B. ii. t. 175.

E. Roadside between Moreton North Lodge and Waddock.

C. Wool Heath.

D. Hedge banks, Chamberlayne's.

F. Verwood Heath.

Sub. sp. ii. *V. lactea*, Sm.! *Smith's Dog Violet*.

Syme, E. B. ii. t. 176.

G. Grange Heath.

Devon, Isle of Wight, Somerset, Normandy.

V. tricolor, L.! *Pansey or Heartsease*.

Sub. sp. i. *V. eutricolor*, Syme.! *Large-flowered Field Pansey*.

V. tricolor hortensis repens, C. P.

C. C. B. p. 109. Syme, E. B. ii. t. p. 178.

Banks and cultivated ground; native; common. A.

April—November.

Sub. sp. ii. *V. arvensis*, Mun.! *Small-flowered Field Pansey*.

V. tricolor arvensis, C. B. P., Raii Syn. *V. tricolor*, b. Huds.

C. C. B. p. 109. Syme, E. B. ii. t. 179.

Habits similar to the above; both generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

DROSERACEÆ.

DROSERA, L.

D. rotundifolia, L.! *Round-leaved Sundew*.

Ros solis folio rotundo, C. B. P., Raii Syn. *Ros solis*, Ger. em.

C. C. B. p. 110. Syme, E. B. ii. t. 182.

Bogs and wet heathy ground; native; common. P.

May—September.

Very abundant on the heaths.

A. Bog below Pillesdon Hill.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

D. intermedia, Hayne.! *Lesser long-leaved Sundew*

Ros solis sylvestris longifolius, Park. *D. longifolia*, Sm.

C. C. B. p. 110. Syme, E. B. ii. t. 184.

Spongy bogs; native; common. P. May—September.

Abundant on the heaths.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

D. anglica, Huds.! *Larger long-leaved Sundew*.

Rosella longifolia maxima, Raii Syn.

C. C. B. p. 110. Syme, E. B. ii. t. 183. Pult. p. 76.

Spongy bogs; native; rare. P. July, August.

D. Bog, half a mile from Wareham towards Sanford Bridge,

Dr. Pulteney.

- G. Wareham heath, *Dr. Pulteney*; bog, Aggleston near Studland, *Mr. Borrer*; Grange heath.
Hants, Wilts, Normandy.

POLYGALACEÆ.

POLYGALA, *L.*

- P. vulgaris, *L.*!** *Common Milkwort.*
C. C. B. p. 111. Syme, E. B. ii. t. 185.
Pastures, meadows and woods; native; common. P.
April—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- P. depressa, *Wenderoth.*!** *Lesser common Milkwort.*
C. C. B. iii. p. 111. Syme, E. B. ii. t. 187. p. 39.
Dry pastures and downs; native; common. P. April—
September.
A. Above Lyme Regis.
C. Pastures, Holworth.
D. Grassy banks, Bere Regis; pastures, Alton.
F. Deverill Down.
Devon, Hants, Somerset, Wilts, Normandy.
- P. calcarea, *F. Schultz.*!** *Chalk Milkwort.*
C. C. B. p. 111. Syme, E. B. ii. t. 188. p. 39.
Chalk and limestone hills; native; rare. P. May, June.
D. Cheselborne Down.
F. Blandford, *Mr. T. B. Syme*; Deverill Down; Hod Hill.
G. Pastures, Tilly Whim, *Mr. Borrer*; Durlleston Head.
Wilts, Normandy.

CARYOPHYLLACEÆ.

SAPONARIA, *L.*

- S. officinalis, *L.*!** *Common Soapwort.*
Lychnis Saponaria dicta, Raii Syn.
C. C. B. p. 113. Syme, E. B. ii. t. 197. Pult. p. 79.
Hedges near villages; denizen; rare. P. August.
B. Hedges near Closeworth.
C. Tincleton, *Mrs. Mary Frampton.*
D. Hedges near the Wareham Railway Station.
F. Lane by the turnpike road-side near Milborne St. Andrew,
and in many places about the village, *Dr. Pulteney.*
Devon, Hants, Somerset, Wilts, Normandy.

SILENE, *L.***S. inflata**, *Sm.!* Common Bladder Campion.

Lychnis sylvestris quæ Ben album vulgo, *C. B. P.* *Cucubulus Behen*, *L.*

C. C. B. p. 113. *Syme*, *E. B. ii.* t. 199.

Corn-fields and road-sides; native; common. *P.* May—November.

Generally distributed.

Var. b. puberula, *Jord.*

F. Corn-fields, Houghton.

Devon, Hants, Somerset, Wilts, Normandy.

S. maritima, *With.!* Sea Bladder Campion.

Lychnis maritima repens, *C. B. P.* *Lychnis marina Anglica*, *Ger. em.* *Cucubulus Behen*, *b. L.*

C. C. B. p. 114. *Syme*, *E. B. ii.* t. 200. *Pult.* p. 79.

A. Beach, Lyme Regis, *Dr. Pulteney*; Chesil Bank, Swyre, where a variety occurs with a bright yellow calyx.

C. Beach, Lodmoor; Portland; Lulworth Cove.

F. Poole, *Dr. Pulteney*; shore, North Haven.

G. Swanage and Studland, *Dr. Pulteney*; cliffs and shore, Kimeridge Bay.

Devon, Hants, Somerset, Normandy.

S. anglica, *L.!* English Catch-fly.

Lychnis sylvestris flore albo minimo, *Raii Syn.*

C. C. B. p. 114. *Syme*, *E. B. ii.* t. 202. *Pult.* p. 79.

Sandy and gravelly fields; native; common in the heath district. *A.* June—October.

B. Bradford Abbas, *Prof. Buckman*.

C. Waddock Farm, Moreton, *Dr. Pulteney*; cultivated ground, Wool; Abbotsbury near the sluices.

D. Below Piddletown wood, *Rev. E. Binfield*; Morden, *Dr. Pulteney*.

F. Winterbourne Kingston.

G. Corn-fields, Church Knowle; Punfield Cliff, Swanage; Studland; Tyneham; Grange

Devon, Hants, Somerset, Wilts, Normandy.

LYCHNIS, *L.***L. Flos-Cuculi**, *L.!* Ragged Robin.

Lychnis plumaria sylvestris simplex, *Raii Syn.*

C. C. B. p. 116. *Syme*, *E. B. ii.* t. 212.

Moist meadows; native; common. P. April—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

L. diurna, Sibth. ! Red Campion.

L. sylvestris rubello flore, Raii Syn., Ger. em. *L. dioica*,
a. *L. Silene diurna*, Gren et Godr. (Syme).

C. C. B. p. 116. Syme, E. B. ii. t. 211.

Hedges and woods: native; common. P. April—
November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

L. vespertina, Sibth. ! White Campion.

L. sylvestris alba simplex, C. B. Pin. *L. sylvestris albo flore*, Raii Syn. *L. dioica*, b. *L. Silene pratensis*, Gren. et Godr. (Syme).

C. C. B. p. 116. Syme, E. B. ii. t. 210.

Cultivated land; native; common. B.? May—November.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

* **L. Githago, Lam. ! Corncockle.**

L. segetum major, Raii Syn. *Agrostemma Githago*, L.

C. C. B. p. 117. Syme, E. B. ii. t. 215.

Corn-fields; colonist; common. A. June—September.

Devon, Hants, Somerset, Wilts, Normandy.

MCENCHIA, Ehrh.

M. erecta, Sm. ! Upright Mænychia.

Alsinella foliis caryophylleis, Raii Syn. *Sagina erecta*, L.
(Sm.) *Mænychia glauca* Pers. (New. B. G.) *Cerastium quaternellum*, Fenzl. (Syme, E. B.)

C. C. B. p. 117. Syme, E. B. ii. t. 217.

Dry, sandy and gravelly places; native; rare. A. May,
June.

C. Hedge banks between Moreton North Lodge and Waddock.

D. Piddletown Heath, between Ilsington Wood and the Keeper's
house; between Turner's Piddle and Blackhill, Bere
Regis; Sherford Bridge.

E. Knacker's Hole, Okeford Fitzpaine.

F. Ensbury, Rev. J. H. Austen; Verwood; Corfe Mullen.

G. Sandy places, Studland Heath, Mr. Borrer; Grange Heath.
Devon, Hants, Somerset, Wilts, Normandy.

SAGINA, L.

S. maritima, Don.! *Sea Pearlwort.*

C. C. B. p. 117. Syme, E. B. ii. t. 245.

Sea shore and cliffs; native; rare. A. May—September.

A. Chesil beach, Bexington.

C. Portland, Mr. Borrer; sea-beach, Holworth.

G. Winspit Quarries, Mr. Borrer.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

S. apetala, L.! *Small-flowered Pearlwort.**Saxifraga Anglica alsinifolia annua, Plot. Raii Syn.*

C. C. B. p. 117. Syme, E. B. ii. t. 246.

Walls and dry places; native; uncommon. A. May—September.

A. Wootton Fitzpaine.

C. Lodmoor.

D. Waste ground, Trigon Hill.

F. Walls of Church, Winterborne Whitchurch.

G. Corn-fields, Puddle Mill; Church Knowle; Blackminston; Steeple Leaze; Studland.

Dorset, Hafts, Somerset, Wilts, Normandy.

S. ciliata, Fries.! *Fries' small-flowered Pearlwort.*

C. C. B. p. 118. Syme, E. B. ii. t. 247.

Wall tops and dry sandy places; native; rare. May, June.

C. Corn-fields near Luckford Wood, Wool.

G. Corn-fields, Church Knowle.

Isle of Wight, Somerset, Normandy.

S. procumbens, L.! *Procumbent Pearlwort.**Saxifraga pusilla graminea fl. parvo herbido et muscoso, Merrett.*

C. C. B. p. 118. Syme, E. B. ii. t. 248.

Waste places and pastures; native; common. P. May—September.

Generally distributed.

G. A fleshy variety described in Grenier et Godron's *Flore de France* as *S. maritima*, grows at Clavell's Hard, Kime-ridge.

Devon, Hants, Somerset, Wilts, Normandy.

S. subulata, Winem.! *Awl-shaped Pearlwort.**Sagina procumbens, b. L. Spergula laricina, Huds. Spergula saginoides, Curtis, Fl. Lond.*

- C. C. B. p. 118. Syme, E. B. ii. t. 250. Pult. p. 80.
 Dry sandy ground; native; frequent on the heath district.
 A. April—September.
- C. Road-side between Bovington and Moreton.
- D. Road-side near Sherford Bridge; field near the third mile-stone on the left side of the Bere and Wareham turnpike; Cicely Bridge, Bere Regis.
- F. Canford, *Dr. Pulteney*; Sandy parts of Wareham and Poole Heaths, *Mr. Lawson*; Manaton near Holt; Upton.
- G. Studland sand-hills.
 Devon, Hants, Wilts, Normandy.
- S. nodosa, Meyer.!** *Knotted Spurrey.*
Saxifraga palustris alsinefolia, *Ger em.*, *Raii Syn.* *Spergula nodosa*, *L. (Sm.)*.
 C. C. B. p. 119. Syme, E. B. ii. t. 251. Pult. p. 80.
 Wet sandy places; native; not common. P. July—September.
- A. Wet dunghills, Loders, *Rev. J. Jones*; Abbotsbury, *Earl of Ilchester*.
- B. Bradford Abbas, *Prof. Buckman*.
- D. Borders of Morden Park Lake; field near Cold Harbour, Wareham; Gallows Hill, Bere Regis.
- F. Deverill Down (an unusually dry locality).
- G. Little Sea, between Studland and South Haven.
 Devon, Hants, Somerset, Wilts, Normandy.

SPERGULA, L.

- S. arvensis, L.!** *Corn Spurrey.*
Sagina Spargula, *Ger. em.*
 C. C. B. p. 119. Syme, E. B. ii. t. 252. Pult. p. 80.
 Sandy corn-fields; colonist; common on the heath district.
 A. April—November.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Moreton, *Dr. Pulteney*; corn-fields on the south side of Wyke Regis, *Mr. W. B. Barrett*.
- D. Corn-fields, Bere Regis; Morden.
- E. Waste ground in a plantation, Woolland.
- F. Between Sturminster Marshall and Lytchett, *Mr. Binfield*; corn-fields, Winterborne Houghton near the Great Wood; West Parley.
- G. Studland, *Dr. Pulteney*; Worth Matravers; West field, Kimeridge; Redcliff, Wareham.
 Devon, Hants, Somerset, Wilts, Normandy.

HONCKENEYA, Ehrh.

H. peploides, Ehrh.! *Sea Purslane.**Alsine marina foliis portulacæ*, Raii Syn.

C. C. B. p. 119. Syme, E. B. ii. t. 239. Pult. p. 80.

Sandy sea shores and salt marshes; native; not common.

P. May—August.

A. Bexington Beach; Bridport Harbour; beach, Charmouth.

C. Lodmoor.

G. Swanage, Dr. Salter; Kimeridge Bay; Studland Sands.

Devon, Isle of Wight, Somerset, Normandy.

SPERGULARIA, Pers.

S. neglecta, Syme.! *Lesser Seaside Sandwort-Spurrey.**S. marina*. Var. *a.* Hook and Arn. Br. Fl.*Lepigonum salinum*, Kindb. Bab. Man. p. 62.

C. C. B. p. 490. Syme, E. B. ii. t. 255.

C. Lulworth Cove; Portland.

G. Clavell's Hard, Kimeridge.

S. marginata, Syme.! *Greater seaside Sandwort-Spurrey.**Arenaria marginata*, D. C. *Lepigonum marinum*, Wahl.

Bab. Man. p. 62.

C. C. B. p. 490. Syme, E. B. ii. t. 257.

A. Shore, Burton Bradstock; Swannery, Abbotsbury.

C. Backwater, Weymouth; Lodmoor.

F. Poole Harbour.

G. Swanage Bay; Arne.

Devon, Hants, Somerset, Wilts, Normandy.

S. rubra, Fenzl.! *Field Sandwort-Spurrey.**Spergula purpurea*, Raii Syn. *Alsine spergulae facie*, C.B. P. *Arenaria rubra* L. (Sm.)

C. C. B. p. 120. Syme, E. B. ii. t. 254. Pult. p. 80.

Sandy places and heaths; native; frequent. A. May—September.

A. Wet dunghill, Loders, Rev. J. Jones.

C. Sandy ground near the backwater, Weymouth; East Stoke Heath.

D. Piddletown Heath; Chamberlayne's; Morden.

F. Sandy ground, Pamphill, Wimborne; side of turnpike road, Upton, Poole.

G. Sand-hills, Studland; Kimeridge Bay; Creech and Nordon clay-pits.

Devon, Hants, Somerset, Wilts, Normandy.

ARENARIA, L.**A. serpyllifolia, L.!** *Thyme-leaved Sandwort.*

Alsine minor multicaulis, C. B. Pin. *Alsine petraea*, Ger. cm.

C. C. B. p. 120. Syme, E. B. ii. t. 235.

Walls, dry waste places, and cultivated ground; native; common. A. June—October.

Generally distributed.

Var. b. leptoclados, Guss.!

Syme, E. B. ii. t. 236. Bab. Man. p. 57.

C. Under the Barrack walls, Dorchester.

D. Corn-fields, Shitterton Farm, Bere Regis.

F. Corn-fields, Whitchurch South Farm; walls, Blandford. Devon, Hants, Somerset, Wilts, Normandy.

A. tenuifolia, L. *Fine-leaved Sandwort.*

C. C. B. p. 120. Syme, E. B. ii. t. 243. Pult. 80.

Walls, dry and sandy chalky fields; native; rare. A. May, June.

B. Bradford Abbas, on the Oolitic sands, *Prof. Buckman*.

F. Pimperne, near the three-milestone on the Race down, *Dr. Pulteney*, confirmed by *Mr. J. W. Green*, 1872. Devon, Somerset, Wilts, Normandy.

A. trinervis, L.! *Three-nerved Sandwort.*

Alsine plantaginis folio, J. Bauhin.

C. C. B. p. 122. Syme, E. B. ii. t. 234. Pult. p. 80.

Woods and shady places; native; common. A. April—July.

A. Puncknoll; Lyme Regis.

B. Bradford Abbas, *Prof. Buckman*; Ailwell Lane, Melbury.

C. Broadmayne; West Knighton, *Mr. W. B. Barrett*.

D. Banks near Cicely Bridge, Bere Regis; Ilsington Wood.

E. Melcombe Park; Hazelbury Bryan; Fifehide Neville.

F. Bryanston Cliff; Langton Wood, *Dr. Pulteney*; Longthorns; Lychett Matravers.

G. Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

STELLARIA, L.**S. media, L.!** *Common Chickweed.*

Alsine media, C. B. P.

C. C. B. p. 122. Syme, E. B. ii. t. 229. p. 94, 95.
 Waste and cultivated ground; native; common. A.
 January—December.
 Generally distributed.

Var. *b. Borœana*, Jord. !
 F. Walls, Stourton Caundle.

Var. *c. neglecta*, Weihe. !
 F. Longthorns Wood.
 G. Hedges, Redcliff near Wareham.

Var. *d. umbrosa*, Opitz. !
 Hooker, St. Fl. p. 57.
 F. Child Okeford, Rev. N. W. Newbould.
 Devon, Hants, Somerset, Wilts, Normandy.

S. *Holostea*, L. ! *Greater Stitchwort*.
Caryophyllus holosteus arvensis glaber flore majore, C.
B. P.
 C. C. B. p. 123. Syme, E. B. ii. t. 230. Pult. p. 79.
 Woods and hedges; native; common. P. April—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

S. *glauca*, L. ! *Glaucous Marsh Stitchwort*.
Caryophyllus holosteus arvensis medius, Raii Syn.
 C. C. B. p. 123. Syme, E. B. ii. t. 231. Pult. p. 80.
 Moist meadows and boggy places; native; rare. P. May—
 September.
 A. Swampy places near Loders, Dr. Pulteney.
 F. Meadow towards the river, between Spettisbury and
 Charlton, plentiful, Dr. Pulteney.
 Devon, Somerset, Wilts, Normandy.

S. *graminea*, L. ! *Lesser Stitchwort*.
Holosteum Ruellii gramen leucanthemum, Ger. em.
 C. C. B. p. 123. Syme, E. B. ii. t. 232. Pult. p. 80.
 Heaths and bushy places; native; common. P. May—
 October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

S. *uliginosa*, Murr. ! *Bog Stitchwort*.
Alsine aquatica media, C. B. Pin.
 C. C. B. p. 123. Syme, E. B. ii. t. 233. Pult. p. 80.

Ditches, springs, and watery places; native; common. A.
June—August.

Generally distributed.

- A. By the river, Court Close, Loders, *Dr. Pulteney*; Wootton Fitzpaine.
- C. Sides of river, Stafford.
- D. Springfield Copse, Bere Regis; Meadow, Morden Mill.
- F. Meadow, Houghton.
- G. Creech Grange; Holme.
Devon, Hants, Somerset, Wilts, Normandy.

CERASTIUM, L.

C. aquaticum, L.! Water Mouse-ear Chickweed.

Alsine aquatica major, C. B. Pin. *Malachium aquaticum*, Fries (Bab.) *Stellaria aquatica*, Scop.

C. C. B. p. 124. Syme, E. B. ii. t. 227. Pult. p. 80.

- B. Bradford Abbas, *Prof. Buckman*; river side, Osborne.
- C. Road side between Holme and Wool; banks of the river near Nottingham Mill.
- D. Piddletown, *Dr. Pulteney*; river bank, Chamberlayne's; Morden Mill; Burleston; Alton Pancras.
- E. Ditches, Lydlinch; Plumber; Fifehead Neville.
- F. Spettisbury, *Dr. Pulteney*; Gain's Cross Copse; Whitchurch Lane; Sturminster Marshall.
- G. Between Calton Barn and Redhouse, Swanage.
Devon, Hants, Somerset, Wilts, Normandy.

C. glomeratum, Thuill.! Broad-leaved Mouse-ear Chickweed.

Alsine Myosotis humilior et rotundo fol. Merrett. *C. vulgatum*, L. (Sm.) *C. viscosum*, L.

C. C. B. p. 124. Syme, E. B. ii. t. 221. Pult. p. 80.

Fields, walls and dry banks; native; common. A. April—September.

- A. On the Pound wall, Loders, *Dr. Pulteney*.
- C. Moreton Heath.
- D. Sandy places, Morden; Chamberlayne's.
- E. Fifehead Neville.
- F. Deverill Down.
- G. Clavell's Hard, Kimeridge.
Devon, Hants, Somerset, Wilts, Normandy.

C. triviale, Link.! Narrow-leaved Mouse-ear Chickweed.

Alsine hirsuta altera viscosa, C. B. Pin. *C. viscosum*, L. (Sm.) *C. vulgatum*, L. (Curt.)

C. C. B. p. 124. Syme, E. B. ii. t. 222.

Pastures, meadows, and waste places.

Generally distributed.

Devon, Hants, Wilts, Somerset, Normandy.

C. semidecandrum, L.! *Little Mouse-ear Chickweed.*

C. hirsutum minus parvo flore, Dillen. *Raii Syn.*

C. C. B. p. 125. Syme, E. B. ii. t. 220.

Dry waste and sandy places; native; common. A.
March—May.

Generally distributed.

C. pumilum, Curt.! *Curtis' Mouse-ear Chickweed.*

C. C. B. pp. 125—492. Syme, E. B. ii. t. 219. Bab.
Man. p. 60.

Habits of the preceeding, of which it is probably a variety.

A. March—May.

C. Cliffs, Hordwell.

F. Deverill Down.

G. Cliffs, Kimeridge Bay.

Devon, Hants, Somerset, Wilts, Normandy.

C. tetrandrum, Curt.! *Dark-green Mouse-ear Chickweed.*

C. C. B. p. 125. Syme, E. B. ii. t. 218.

Waste ground, walls and sandy places near the sea; native;
not common. A. May—August.

C. Cliffs, Smallmouth sands, beyond the second stream; Preston
beach, *Mr. W. B. Barrett.*

G. Studland, *Mr. Borrer*; wet places, Clavell's Hard, Kimeridge.

Devon, Isle of Wight, Somerset, Normandy.

C. arvense, L.! *Field Mouse-ear Chickweed.*

C. C. B. p. 125. Syme, E. B. ii. t. 225.

Fields and banks on a gravelly or chalky soil; native; rare.
P. April—August.

F. Corn-fields, Deverill Farm, Milborne St. Andrew.
Wilts, Normandy.

LINACEÆ.

LINUM, L.

L. usitatissimum, L.! *Common Flax.*

Linum sylvestre sativum plane referens, *Raii Syn.*

Syme, E. B. ii. t. 292.

Cultivated fields; alien; rare. A. July—October.

A. Bridport.

F. Corn-fields, Lee Farm, Whatcombe.

L. angustifolium, Huds.! *Narrow-leaved pale Flax.*

Linum sylvestre angustifolium floribus dilute purpurascens vel carnis, Raii Syn.

C. C. B. p. 126. Syme, E. B. ii. t. 291. Pult. p. 76.

Sandy and chalky places; native; rare. P. May—September.

A. Rough ground between Puncknoll and Bexington.

C. Abbotsbury, *Dr. Pulteney*; road-side near Sandsfoot Castle; near the Ferry Bridge, Portland; banks of the Backwater, Weymouth; cliffs between the Preston coastguard station and Osmington, *Mr. W. B. Barrett*; Portland, road-side on ascending from the railway station to the Prison.

G. Road-side, Kimeridge Hollow; Creech clay-pits; Punfield Cliff; road-side between Corfe Castle and Halfway House; Downs near Dancing Ledge and Seacombe; sandy ground on the south side of Nine-barrow Down.

Devon, Hants, Somerset, Wilts, Normandy.

L. catharticum, L.! *Purging Flax.*

L. sylvestre cathart., Ger. em.

C. C. B. p. 127. Syme, E. B. ii. t. 289. Pult. p. 76.

Dry pastures and meadows; native; common. A. June—November.

Devon, Hants, Somerset, Wilts, Normandy.

RADIOLA, G.**R. millegrana, Sm.!** *All-seed Flax-seed.*

Millegrana minima, Ger. em.

C. C. B. p. 127. Syme, E. B. ii. t. 288. Pult. p. 76.

Gravelly and damp sandy places on heaths; native; frequent. A. June—October.

C. Moreton Heath.

D. Heath near Sandford Bridge, *Dr. Pulteney*; Chamberlayne's and Bloxworth Heaths.

F. Roadside between Wimborne and Poole, *Dr. Pulteney*; West Parley Heath.

G. Wareham, Studland and Povington Heaths.

Devon, Hants, Somerset, Wilts, Normandy.

MALVACEÆ.**MALVA, L.****M. moschata, L.!** *Musk Mallow.*

Alcea vulgaris, Raii Syn.

C. C. B. p. 127. Syme, E. B. ii. t. 280. Pult. p. 88.

Hedge-banks and woods; native; frequent. P. June—October.

- A. Loders, *Dr. Pulteney*; hedges about Bridport; Eggardon Hill, *Rev. E. Fox*; Wootton Fitzpaine.
- B. Honeycombe Wood.
- C. Kingcombe Wood.
- E. Castle Hill; Mappowder; Stoke Wake
- F. About Shaftesbury and the lane going towards Knoyle; lane between Crawford Bridge and Crawford, *Dr. Pulteney*; Longthorns Copse; Clenston Wood; banks of the Stour near West Parley.
- G Cliffs above Durlleston Bay; Rempston Wood; Ulwell. Devon, Hants, Somerset, Wilts, Normandy.

M. sylvestris, L.! Common Mallow.

Malva vulgaris, Raii Syn., Park.

C. C. B. p. 127. Syme, E. B. ii. t. 281.

Road-sides and waste places; native; common. P. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

M. rotundifolia, L.! Dwarf Mallow.

M. sylvestris pumila, Ger. em.

C. C. B. p. 128. Syme, E. B. ii. t. 282. Pult. p. 88.

Waste places and way-sides, near human habitations; native; frequent. A. June—September.

- A. Road-side between Lyme Regis and Uplyme; Symondsburys; Askerswell.
 - C. West Lulworth, *Rev. E. Binfield*; road-side, Upway, near Westbrook House.
 - D. Shitterton; Chamberlayne's Meadows, near the mill.
 - F. Durweston, under the wall of the West Farmhouse, Whitchurch; Sturminster Marshall.
 - G. Road-side under Corfe Castle; Studland sands and village; road-side between Stoborough turnpike-gate and Wareham; Creech hamlet.
- Devon, Hants, Somerset, Wilts, Normandy.

ALTHÆA, L.

A. officinalis, L.! Marsh Mallow.

A. vulgaris, Raii Syn.

C. C. B. p. 128. Syme, E. B. ii. t. 278. Pult. p. 88.

Marshes near the sea; native; rare. P. July—September.

- C. Abbotsbury Swannery, *Rev. A. E. Eaton*; hedge near the Fleet, Wyke Regis.

F. Poole Harbour, north coast, *Dr. Pulteney*.

G. "On the sea shore and several parts of Purbeck," *Dr. Pulteney*.

Devon, Isle of Wight, Somerset, Normandy.

LAVATERA, L.

[*L. arborea*, L. *Tree Mallow*.

Malva arborea marina, *Raii Syn.*, *Park*.

C. C. B. p. 128. Syme, E. B. ii. t. 279. Pult. p. 88.

Withering, p. 75. Ray. Syn. p. 252.

Maritime rocks; native; rare. B. July—September.

Probably extinct in a wild state, but still grows in the gardens of the neighbourhood.

This plant is recorded by Ray in Bishop Gibson's edition of Camden as a native of Portland, and of Chesil Bank, where it still continues to be found, and from thence has been introduced into the gardens of the villages of the island and neighbourhood, *Dr. Pulteney*.]

Devon, Somerset, Normandy.

HYPERICACEÆ.

HYPERICUM, L.

H. Androsæmum, L.! *Tutsan*.

Clymenon Italorum, *Ger. em.* *Androsæmum vulgare*, *Park*.

C. C. B. p. 129. Syme, E. B. ii. t. 264. Pult. p. 90.

Hedges and woods; native; frequent; shrub. May—August.

A. Vales of Marshwood and Poorstock: hedges between Lyme Regis and Uplyme, *Rev. E. Fox*; hedges, Wootton Fitzpaine.

C. Hook Park; hedges between Wyke Regis and the Fleet.

D. Lane to the west of Shitterton Farm-house.

F. Chace Woods, *Dr. Pulteney*; Weston's Wood; Woods, Crichel; Delcombe Wood.

G. Grange Wood, *Dr. Pulteney*; Barnston Copse; hedges, Ulwell and Rempston.

Devon, Hants, Somerset, Wilts, Normandy.

H. perforatum, L.! *Perforated St. John's Wort*.

Hypericum vulgare, *Park*.

C. C. B. p. 129. Syme, E. B. ii. t. 268.

Hedges and woods; native; common. P. May—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

H. quadrangulum, L.! *Square-stalked St. John Wort.**H. Ascyron dictum caule quadrangulo, Raii Syn.**H. tetrapterum, Fries.*

C. C. B. p. 130. Syme, E. B. ii. t. 270. Pult. p. 90.

Moist pastures; sides of ditches and rivulets; native; common. P. July, August.

- A. Between Lyme Regis and Uplyme; Little Bredy; Wootton Fitzpaine.
 - B. Bradford Abbas, *Prof. Buckman*; Honeycombe Wood.
 - C. Buxton Lane, Wyke; Stafford, *Mr. W. B. Barrett*; ditches, Moreton.
 - D. Damp fields near the third milestone on the Bere and Wareham turnpike-road; Roke Farm, Bere Regis.
 - F. Moor's River, St. Leonard's Bridge.
 - G. Encombe Hill; Gadcliff; Grange Wood; Barnston Wood.
- Devon, Hants, Somerset, Wilts, Normandy.

H. humifusum, L.! *Trailing St. John's Wort.**H. minus supinum, Raii Syn.*

C. C. B. p. 130. Syme, E. B. ii. t. 271. Pult. p. 90.

Heaths, woods and gravelly places; native; frequent. P. June—October.

- C. Fordington fields, *Mr. H. White*.
 - D. Badger's Earth Wood, Shitterton; sandy places, Chamberlayne's.
 - F. Cranborne Chase; not uncommon; Hod and Hambleton Hills; Milldown, Blandford, *Dr. Pulteney*; Clenston Wood; Longthorns Copse.
 - G. Cliffs on the sea-shore, Studland; Tilly Whim; hedgebanks, Rempston; Whiteway Farm and Tyneham.
- Devon, Hants, Somerset, Wilts, Normandy.

H. pulchrum, L.! *Small upright St. John's Wort.**H. pulchrum Tragi, Raii Syn., Ger. em.*

C. C. B. p. 131. Syme, E. B. ii. t. 273. Pult. p. 90.

Dry woods and heaths; native; common. P. May—September.

- A. Mapperton, *Rev. E. Fox*; Little Bredy, *Rev. A. E. Eaton*; Pillesdon; Lewesdon; Charmouth.
 - C. Copse north of Lodmore, *Mr. J. White*; Hook Park.
 - D. Yellowham Wood; Chamberlayne's Heath.
 - E. Short Wood, Mappowder.
 - F. Longthorns Copse; Houghton and Clenston Woods.
 - G. Studland and Wareham Heaths; Grange Wood.
- Devon, Hants, Somerset, Wilts, Normandy.

H. hirsutum L.! Hairy St. John's Wort.*H. Androsæmum dictum, Raii Syn.*

C. C. B. p. 131. Syme, E. B. ii. t. 274. Pult. p. 90.

Dry woods and heaths; native; common. P. June—August.

A. Woods, Wootton Fitzpaine.

B. Bradford Abbas; Honeycombe Wood.

C. Cliffs near the mouth of Weymouth Harbour.

D. Chamberlayne's.

E. Short Wood.

F. Clenston Wood; Delcombe; West Parley; Verwood.

G. Talbot and Quince Hill Woods, Langton Maltravers, *Rev.**L. Lester.*

Devon, Hants, Somerset, Wilts, Normandy.

H. montanum, L.! Mountain St. John's Wort.*H. elegantissimum non ramosum folio lato, Raii Syn.*

C. C. B. p. 131. Syme, E. B. ii. t. 275. Pult. p. 90.

Bushy places and woods; native; rare. P. July, August.

[F. "I have found a few plants of it in Langton Copse near Blandford," *Dr. Pulteney.*]G. Hedges between Church Knowle and Corfe Rectory, *Rev.**O. L. Mansel*; Creech Grange Wood, *Dr. Pulteney*;Langton Matravers, *Dr. Salter*; on both sides of the chalk range, near Creech-Barrow.

Devon, Somerset, Hants, Wilts, Normandy.

H. elodes, L.! Marsh St. John's Wort.*H. tomentosum, Ger. em.*

C. C. B. p. 131. Syme, E. B. ii. t. 276. Pult. p. 90.

Spongy bogs; native; common on the bogs of the heath district. P. July, August.

Devon, Hants, Somerset, Wilts, Normandy.

*** H. calcynum, L.! Large-flowered St. John's Wort.**

C. C. B. Sup. p. 30. Syme, E. B. ii. t. 267.

Bushy places; alien; shrub. July—September.

B. Netherbury, *Rev. E. Fox.*

F. Ranston.

ACERACEÆ.**ACER, L.****A. campestre, L.! Common Maple.***Acer minus, Raii Syn., Ger. em.*

C. C. B. p. 132. Syme, E. B. ii. t. 321.

Hedges, woods and thickets; native; tree. May, June.
Generally distributed
Devon, Hants, Somerset, Wilts, Normandy.

***A. Pseudo-platanus, L.! Sycamore.**

Acer majus, Raii Syn.

C. C. B. Sup. p. 30. Syme, E. B. ii. t. 320.

Hedges and plantations; denizen; tree. May, June.

"If introduced, its introduction must date back to a very ancient period." *North Yorkshire, Mr. G. Baker.*

Devon, Hants, Somerset, Wilts, Normandy.

GERANIACEÆ.

ERODIUM, L'Hérit.

E. maritimum, Sm.! Sea Stork's Bill.

Geranium pusillum supinum althææ aut betonicæ folio, Raii Syn. Geranium maritimum, L.

C. C. B. p. 132. Syme, E. B. ii. t. 309. Pult. p. 87. Phyt. iii. 266.

Sandy and gravelly places on and near the seacoast; native; rare. P. May—September.

A. Cliffs near Bridport Harbour, *Rev. J. Jones.*

C. On the top of the chalk cliffs near Durdle Door, a perforation of the limestone rocks near West Lulworth, *Mr. J. Woods*; abundant at Holworth Cliff and White Nore.

F. About Poole and the flats elsewhere, *Rev. J. Jones.*

G. Studland, hedge-banks near the village on the old road to Rempston.

Devon, Isle of Wight, Somerset, Normandy.

E. cicutarium, Sm.! Common Stork's Bill.

Geranium cicutæ folio inodorum, Raii Syn., Ger. em. Geranium cicutarium, L.

C. C. B. p. 132. Syme, E. B. ii. t. 307. Pult. p. 87.

Waste and cultivated ground; native; common. A. April—September.

A. Cliffs near Bridport Harbour.

C. Smallmouth sand-hills; sandy ground between Portland and the bridge.

D. Waste ground, Sherford Bridge; Chamberlayne's; fields near the third milestone on the Wareham and Bere turnpike-road.

F. Spettisbury and Crawford fields, *Dr. Pulteney*; Deverill Down; North Haven, Poole.

- G. Gad Cliff; Kimeridge Bay; Studland sand-hills; corn-fields, Arne; Nordon clay-pits.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

E. moschatum, Sm.! Musky Stork's Bill.

Geranium moschatum, Raii Syn.

C. C. B. p. 132. Syme, E. B. ii. t. 308. Pult. p. 87.

Waste places; native; rare. A. May—October.

- A. Neighbourhood of Bridport, *Rev. J. Jones.*

- F. Houghton, waste ground near the Stubbs.
Devon, Somerset, Wilts, Normandy.

GERANIUM, L.

***G. phæum, L.! Dusky Crane's Bill.**

Geranium montanum fuscum, Dillen. in Raii Syn.

C. C. B. p. 495. E. B. ii. t. 294.

Woods and thickets; alien; rare. P. May, June.

- A. Castle Mill, Poorstock, *Rev. E. Fox.*

- D. Bingham's Melcombe grove, *Rev. C. W. Bingham* (persistent).

Devon, Somerset, Wilts, Normandy.

G. pratense, L.! Blue Meadow Crane's Bill.

Geranium batrachoides, Raii Syn., Ger. em.

C. C. B. p. 133. Syme, E. B. ii. t. 297. Pult. p. 87.

Pastures, thickets, and sides of rivers; native; frequent.

P. June—October.

- A. Netherbury, *Rev. E. Fox.*

- B. Borders of woods and meadows, Bradford Abbas, *Prof. Buckman*; banks of the Yeo, Osborne.

- C. "It is not unfrequent by the sides of the Frome," *Dr. Pulteney*; Toller Fratrum, *Rev. E. Fox*; field near Woolland Wood, *Rev. C. W. Bingham.*

- E. Banks of the Stour, Sturminster Newton.

- F. Ashmore; on the Shaftesbury and Blandford road; Don-clyffe; Durweston; Houghton and Delcombe Woods.
Somerset, Wilts, Normandy.

G. pyrenaicum, L.! Mountain Crane's Bill.

C. C. B. p. 133. Syme, E. B. ii. t. 298.

Hedges and pastures; denizen; rare. P. May—September.

- F. Grows plentifully on the hedge-banks between Blandford and half a mile beyond the turnpike-gate on the Dorchester road, also on the hedge-banks towards Fairmile.
Devon, Somerset, Wilts, Normandy.

G. rotundifolium, L.! *Round-leaved Crane's Bill.**G. columbinum majus flore minore cærulea, Raii Syn.*

C. C. B. p. 133. Syme, E. B. ii. t. 301.

Hedge-banks and way-sides; native; common. A. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

G. pusillum, L.! *Small-flowered Crane's Bill.**G. parviflorum, Curt.*

C. C. B. p. 134. Syme, E. B. ii. t. 300. Pult. p. 88.

Waste ground and road-sides; native; rare. A. April—October.

G. St. Alban's Head.

Devon, Somerset, Wilts, Normandy.

G. molle, L.! *Soft Crane's Bill.**G. secundum, Diosc. Pes columbinus, Johns. G. columbinum, Ger. em.*

C. C. B. p. 134. Syme, E. B. ii. t. p. 299.

Dry pastures and waste places; native; common. A. April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

G. dissectum, L.! *Jagged-leaved Crane's Bill.**G. columbinum majus foliis dissectis, Raii Syn.*

C. C. B. p. 134. Syme, E. B. ii. t. 302. Pult. p. 88.

Hedges and pastures; native; common. A. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

G. columbinum, L.! *Long-stalked Crane's Bill.**G. columb. dissectis foliis pediculis florum longissimis, Raii Syn.*

C. C. B. p. 134. Syme, E. B. ii. t. 303. Pult. p. 88.

Hedges and pastures; native; frequent. A. June—November.

A. Woods, Poorstock, *Rev. E. Fox.*B. Bradford Abbas, *Prof. Buckman.*

C. Bushy places between Martinstown and Black Down; Portland.

D. Hedges, Shitterton Farm and Chamberlayne's.

E. Ibberton.

F. Longthorns; Whitchurch allotments; Houghton; Thorncombe.

G. Encombe, near the Upper Lodge; Kimeridge; Church

Knowle; Ulwell; hedges north of Old Harry, Studland;
quarries, Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

G. lucidum, L.! Shining Crane's Bill.

Geranium saxatile, Ger. em. G. lucidum saxatile, C. B. P.
C. C. B. p. 135. Syme, E. B. ii. t. 304. Pult. p. 88.
Walls, hedges, roofs of houses; native; frequent. A.
May—August.

- A. Walls at Loders, *Dr. Pulteney*.
- B. Sherborne, *Dr. Pulteney*; Bradford Abbas.
- C. Portland, Weirs near Bow and Arrow Castle; Upwey, near the church; West Stafford, *Mr. W. B. Barrett*; Kingcombe Wood.
- D. Lane between Alton and Plush.
- E. Walls, Stalbridge, *Dr. Pulteney*; Stourton Caundle.
- F. Walls, Shaftesbury, *Dr. Pulteney*; Clenston Wood near the Common; Park wall near Delcombe Head.
- G. Ruins of Corfe Castle, *Mr. Borrer*; Langton quarries, *Rev. L. Lester*; rocks, St. Alban's Head.
Devon, Hants, Somerset, Wilts, Normandy.

G. Robertianum, L.! Herb Robert.

Robertianum vulgare, Park.
C. C. B. p. 135. Syme, E. B. ii. t. 305.
Woods, hedges and waste ground; native; common. A.
April—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

Var. b. purpureum, Forst.

Geranium lucidum saxatile foliis. Geranii Robertiani, Raii Syn.

"'Tis of the saxatile kind, haveing frequent joints, in several places near the shore. I have found it near Swanning (Swanage) in Dorsetshire," *Dr. Sherard*?

- C. Portland, Chesil Bank.
- G. St. Alban's Head.

BALSAMINACEÆ.

IMPATIENS, L.

[I. Noli-me-tangere, L. Yellow Balsam.]

Persicaria siliquosa, Ger. em.
C. C. B. p. 135. Syme, E. B. ii. t. 313. Pult. p. 72.
Shady places; alien; rare. A. July—September.
F. Dean's Court, *Dr. Pulteney*; now extinct in this locality.]
Somerset, Wilts, Normandy.

OXALIDACEÆ.

OXALIS, L.

O. Acetosella, L.! *Common Wood Sorrel.**Trifolium acetosum Oxys Plinii, Johns.**Trifolium acet. vulgare, C. B. P.*

C. C. B. p. 136. Syme, E. B. ii. t. 310.

Woods and shady places; native; common. A. March—May.

A. Puncknoll Wood; Gorwell; Hawkchurch.

B. Holt, Melbury.

C. Hook Park.

D. Piddle Wood, Bere; Tinceleton Wood.

E. Glanville's Wootton; Melcombe Park; Stoke Wake Hill; Bagbere Lane.

F. Clenston Wood; Verwood.

G. Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

*** O. corniculata, L.!** *Procumbent Yellow Wood Sorrel.*

C. C. B. p. 496. Syme, E. B. ii. t. 311. Pult. p. 80.

Cultivated ground; alien or casual; A. or P. June—September.

A. A weed in the rectory garden, Bridport, *Rev. J. Jones.*

C. Garden, Moreton House, abundant and persistent.

*** O. stricta, L.!** *Upright yellow Wood Sorrel.*

C. C. B. p. 496. Syme, E. B. ii. t. 312.

Habits similar to the above.

F. Cultivated ground, Milborne Styleham, and Winterborne Kingston.

CELASTRACEÆ.

EUONYMUS, L.

E. europæus, L.! *Spindle Tree.**E. Theophrasti, Ger. em.*

C. C. B. p. 136. Syme, E. B. ii. t. 317. Pult. p. 72.

Hedges and woods; native; common; shrub. April—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

RHAMNACEÆ.**RHAMNUS, L.****R. catharticus, L.!** *Common Buckthorn.**Rhamnus solutivus, Ger. em.*

C. C. B. p. 136. Syme, E. B. ii. t. 318. Pult. p. 72.

Hedges and thickets; native; not common; shrub. April—July.

A. White Hill and Big Wood, Little Bredy, *Rev. A. E. Eaton.*B. Hedge-rows, Bradford Abbas, *Prof. Buckman.*

D. Hedges between Bryant's Piddle and the Bere turnpike-road.

E. Glanville's Wootton, *Mr. J. C. Dale*; Donclyffe Wood.F. Frequent in the hedges and thickets at Winterborne Whitchurch, and Milborne St. Andrew's; in the hedges about Blandford, Tarrant Monckton, Crawford, Spettisbury, Eastbury Park, and Crichel Wood, *Dr. Pulteney.*G. Woods at Arne, *Rev. J. H. Austen.*

Devon, Hants, Somerset, Wilts, Normandy.

R. Frangula, L.! *Alder Buckthorn.**Alnus nigra baccifera, Raii Syn. Alnus nigra sive Frangula, Ger. em.*

C. C. B. p. 136. Syme, E. B. ii. t. 319. Pult. p. 72.

Moist woods and thickets; native; rare; shrub. May, June.

C. East Stoke, *Rev. E. Fox.*

D. Moist meadow, east of Chamberlayne's Bridge.

F. Manaton Wood, between Holt and Verwood.

G. Studland.

Devon, Hants, Somerset, Wilts, Normandy.

LEGUMINOSÆ.**SAROTHAMNUS, Wimm.****S. scoparius, Koch.!** *Common Broom.**Spartium Scoparium, L. (Curt.)*

C. C. B. p. 137. Syme, E. B. iii. t. 329. Pult. p. 88.

Dry and sandy places; native; frequent, especially on the heath district. Shrub. May—June.

A. Lyme Regis, *Rev. E. Fox.*B. Bradford Abbas, *Prof. Buckman.*C. Lodmoor, *Mr. J. W. White.*D. Morden, *Dr. Pulteney*; banks between Bere Regis and Wareham.

- E. Butterwick, *Mr. J. C. Dale*.
 F. In the hollow way at Melbury near Shaftesbury, and at Motcombe, *Dr. Pulteney*.
 G. Swanage.
 Devon, Hants, Somerset, Wilts, Normandy.

ULEX, L.

- U. europæus, L.!** *Common Furze*.
Genista spinosa vulgaris, Johns.
 C. C. B. p. 137. Syme, E. B. iii. t. 333.
 Heathy places and downs; native; common. Sh. December—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- U. nanus, Forst.!** *Dwarf Furze*.
Genista spinosa minor, Rati Syn. Park.
 C. C. B. p. 137. Syme, E. B. iii. t. 325.
 Dry heaths; native; common on the heaths. Shrub.
 August—November.
 Var. *b. U. Gallii, Planch.!*
 Syme, E. B. iii. t. 324. Pult. p. 88.
 Common on the Chalk and Greensand strata of the county.
 C. Black Down; Moreton; hills above Minterne.
 D. Morden.
 F. Houghton Down; road-side between Whitchurch and Kingston.
 G. North Hill, Steeple.
 Devon, Hants, Somerset, Wilts, Normandy.

GENISTA, L.

- G. tinctoria, L.!** *Dyer's Green-Weed*.
Genistella tinctoria, Ger. em.
 C. C. B. p. 137. Syme, E. B. iii. t. 328. Pult. p. 88.
 Pastures, thickets and borders of fields; native; frequent.
 Shrub. May—September.
- A. Upland pastures under Eggardon Hill, *Rev. E. Fox*; Ship-ton Hill, *Rev. J. Jones*; Meadow near Hook Park; Witherstone Common; Wootton Fitzpaine.
 B. Bradford Abbas, *Prof. Buckman*; Melbury Park; East Hill, Milborne Port.
 C. Field north-west of burial ground, Weymouth; Portisham; Bincombe, *Mr. W. B. Barrett*.
 E. River-side near Fiddleford; Glanville's Wootton, *Mr. J. C Dale*; under Bulbarrow and Mappowder, *Mr. E. Binfield*;

- F. Deverill Farm near the Reformatory; meadow near Manaton Water, Holt; Under Broadley Wood; Stickland Common.
- G. Swanage, near the Coastguard Station; meadow at Church Knowle towards Puddle Mill, and common throughout the vale, especially on the Hastings sands.
Somerset, Wilts, Normandy.

G. anglica, L.! Needle Green-Weed.

- Genista spinosa Anglica, Rati Syn. G. aculeata, Ger. em.*
C. C. B. p. 138. Syme, E. B. iii. t. 326. Pult. p. 88.
Moist heaths and mossy ground; native; frequent on the heath district. Shrub. May, June.
- C. Buckland Ripers; railway near Toller Station.
- D. Road-side between Moreton North Lodge and Waddock.
- F. Leigh Common near Wimborne; railway banks, south of Bailey Gate Station. West Parley Heath.
- G. Grange and Wareham Heaths.
Devon, Hants, Somerset, Wilts, Normandy.

ONONIS, L.

O. arvensis, L.! Procumbent Rest-Harrow.

- Anonis non spinosa purpurea, Ger. em., O. procurrens, Wahl.*
C. C. B. p. 138. Syme, E. B. iii. t. 331.
Barren pastures and borders of fields; native; common.
P. June—September.
- A. Ashley Common, Gorwell; Charmouth.
- C. Sandsfoot Castle; Portland.
- D. Bere Regis.
- E. Glanville's Wootton, *Mr. J. C. Dale.*
- F. Bournemouth, *Dr. Trimen.*
- G. Kimeridge Cliffs; St. Alban's Head; Bradle; Puddle Mill; Punfield; Swanage.
Devon, Hants, Somerset, Wilts, Normandy.

O. spinosa, L.! Upright Rest-Harrow.

- Anonis spinosa flore purpureo, C. B. P.*
Anonis sive Resta bovis, Ger. em., O. campestris, Koch.
C. C. B. p. 138. Syme, E. B. iii. t. 330.
Barren and waste places; native; not so common as the above. P. June—September.
- C. Buckland Ripers.
- E. Lydlinch Common.
- F. Longthorns.
- G. Kimeridge.
Devon, Hants, Somerset, Wilts, Normandy.

ANTHYLLIS, *L.*

- A. vulneraria, L.!** *Common Kidney Vetch.*
Vulneraria rustica, Raii Syn.
 C. C. B. p. 139. Syme, E. B. iii. t. 333. Pult. p. 88.
 Dry places, pastures, and waste places; native; common.
 P. May—September.
- A. Shipton Hill, *Rev. J. Jones*; Bexington Beach.
 C. Maiden Castle; banks of the Fleet near Wyke Regis;
 Nothe, Weymouth; Portland Railway cutting; Ridgeway Hill.
 D. Longbottom Plantation; Chamberlayne's; hedge-banks
 between Bere Regis and Affpiddle; road-side between
 Alton and Plush.
 E. Woolland.
 F. Hod Hill, *Dr. Pulteney*; Deverill Down; Whiteway Hill,
 Houghton.
 G. Swanage; Bradle; Creech; Langton Matravers quarries.
 Devon, Hants, Somerset, Wilts, Normandy.

MEDICAGO, *L.*

- M. lupulina, L.!** *Black Medick.*
Trifolium luteum lupulinum, Ger. em.
 C. C. B. p. 139. Syme, E. B. iii. t. 337.
 Waste and cultivated ground; native; common. A. or B.
 April—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- M. maculata, Sibth.!** *Spotted Medick.*
Trifolium cochleatum folio cordato maculato, Raii Syn.
Medicago polymorpha Arabica. L. (Curt.)
 C. C. B. p. 139. Syme, E. B. iii. t. 339. With. 810.
 Pastures, especially near the sea; native; frequent. A.
 April—September.
- A. Pastures, Lyme Regis; Burton Bradstock.
 B. Bradford Abbas. *Prof. Buckman.*
 C. Hedge-banks, Radipole; Nothe, Weymouth; Lodmoor.
 F. Deverill Farm; Parkstone.
 G. Corfe Castle, *Mr. Borrer.* Pastures and grassy slopes of the
 cliffs, Kimeridge; Worth Matravers.
 Devon, Hants, Somerset, Wilts, Normandy.
- M. denticulata, Willd.!** *Reticulated Medick.*
 C. C. B. p. 140. Syme, E. B. iii. t. 338.

- Waste ground near the sea; native; rare. A. May—September.
- C. Cliffs Sandsfoot Castle, Weymouth; side of railway between the terminus and Radipole; grassy places, north side of Portland.
- G. Freshwater Bay, Encombe, *Mr. Borrer*; Eggleston Hill, Tyneham; cliffs, Kimeridge Bay; grassy slopes Winspit; corn-field on the south side of Nine-barrow Down. Devon, Isle of Wight, Normandy.

MELILOTUS, *Lam.*

M. officinalis, *Willd.*! *Common Yellow Melilot.*

- M. vulgaris* *Raii* *Syn.* *M. Germanica*, *Ger. em.*
Trifolium officinale, *Sm. Fl.*
 C. C. B. p. 140. Syme, E. B. iii. t. 341. Pult. p. 90.
 Bushy places and waysides; denizen; frequent. B. or P. June—September.
- A. Eyre Cliff, Bridport, *Rev. E. Fox*; between Poorstock and Witherston Wood.
- B. Honeycombe Wood.
- C. Abundant on the cliffs near Sandsfoot Castle, *Mr. W. B. Barrett*; Preston Road, Lodmoor.
- D. Hedges, Piddletown.
- E. Plantation south of Woolland; Stourton Caundle; road-side between Mappowder and The Nag's Head.
- F. Road-side between Durweston and Shillingston; Winterborne Whitchurch; Weston's Farm; Chescombe; corn-fields, Houghton. Devon, Hants, Somerset, Wilts, Normandy.

* **M. vulgaris**, *Willd.*! *White Melilot.*

- M. alba*, *Lamb.*
 C. C. B. p. 140. Syme, E. B. iii. t. 342. Salter's List.
 Waste places and corn-fields; alien; rare. B. July, August.
- C. Ballast Quay, Ham, *Dr. Salter*.
- F. Clover-ley field, Chescombe Farm adjoining Deverill Down. Normandy.

TRIGONELLA, *L.*

T. ornithopodioides, *D C.*! *Bird's-foot Fenugreek.*

- Fænugræcum humile repens ornithopodii siliquis brevibus erectis*, *Raii Syn.*

- C. C. B. p. 141. Syme, E. B. iii. t. 345. Phyt. iii. p. 262, ii. 2nd ser. p. 605.
 Dry and sandy pastures near the sea; native; rare. A.
 May—July.
 C. Chesil Bank, *Mr. Gibson*; Portland, *Mr. Groves*.
 G. Little Sea, Studland, *Mr. J. Woods*; shore and grassy slopes, Kimeridge Bay.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.

TRIFOLIUM, L.

- T. repens, L.!** *Dutch Clover.*
T. pratense album, C. B. P.
 C. C. B. p. 141. Syme, E. B. iii. t. 362.
 Meadows and pastures; native; common. P. April—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- T. subterraneum, L.!** *Subterranean Trefoil.*
T. pumilum supinum flosculis longis albis, Raii Syn.
 C. C. B. p. 141. Syme, E. B. iii. t. 346. Pult. p. 90.
 Dry pastures and sandy ground; native; frequent. A.
 May, June.
 A. Cliffs, Eype.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Cliffs on the north side of Sandsfoot Castle, *Mr. W. B. Barrett*.
 D. Piddletown Heath; Sandy ground between Turner's Piddle and Shitterton; Sherford Bridge; between Chamberlayne's Bridge and Fillioles.
 E. Mill Down, Blandford, *Dr. Pulteney*; Seldown, Poole, *Dr. Salter*; Common near the turnpike-gate, Wimborne, on the Ringwood Road.
 G. Kimeridge Hill; pastures near the Preventive Station, Kimeridge; Studland; Cliffs, Old Harry.
 Devon, Hants, Somerset, Wilts, Normandy.
- [T. ochroleucum, L.]** *Sulphur-coloured Trefoil.*
T. flore albo sulphureo, Raii Syn.
 C. C. B. p. 141. Syme, E. B. iii. t. 349. Pult. p. 90.
 Dry pastures; native; rare. P. June, July.
 "I have collected this in Dorset, but am not certain where."
Dr. Pulteney. In the Pulteney Herbarium (at the British Museum) Dr. Pulteney appears to have mistaken this plant for *T. maritimum*, but subsequently discovered his error, as he adds the latter name to the specimen.

- A. Chilcombe Ewe-lease, *Rev. J. Jones*.
Requires confirmation.]
Normandy.

T. pratense, L.! *Common Purple Clover.*

- T. prat. purpureum, Raii Syn.*
C. C. B. p. 142. Syme, E. B. iii. t. 347.
Meadows, pastures and road-sides; native; common. P.
May—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

T. medium, L.! *Zigzag Trefoil.*

- T. purp. majus fol. longiore et angustiore, fl. saturationibus, Raii Syn.*
C. C. B. p. 142. Syme, E. B. iii. t. 348.
Pastures; native; not common. P. April—September.
B. Hedge-banks on the road-side above Honeycombe Wood.
C. Meadows, Backwater, Radipole.
F. Meadow, Durweston.
Devon, Hants, Somerset, Wilts, Normandy.

T. maritimum, Huds.! *Teasel-headed Trefoil.*

- T. stellatum glabrum, Raii Syn., Ger. em.*
Cyb. Brit. iii. 408. C. C. B. p. 142. Syme, E. B. iii. t. 350. Pult. 90.
Waste places and sea-cliffs; native; rare. A. June, July.
C. About Weymouth, *Sir J. G. Cullum*; frequent among the cultivated fields at Portland; cliffs at Sandsfoot Castle; Weymouth Backwater, on the Radipole side.
G. Salt-marshes, Poole, *Dr. Pulteney*.
Somerset, Normandy.

T. arvense, L.! *Hare's-foot Trefoil.*

- Lagopodium, Pes leporis, Ger. em. Lagopus vulgaris, Park.*
C. C. B. p. 143. Syme, E. B. iii. t. 354.
Dry sandy places; native; frequent. A. June—August.
B. Bradford Abbas, *Prof. Buckman*.
C. Sandy ground between the Chesil Bank and the Ferry, Portland; also at the Fleet, *Mr. W. B. Barrett*; Abbotsbury, *Rev. A. E. Eaton*.
D. Chamberlayne's.
G. Sand-hills, Studland; corn-fields, Redcliff, Wareham; Arne; Nordon clay-pits.
Devon, Hants, Somerset, Wilts, Normandy.

T. scabrum, L.! *Rough rigid Trefoil.*

T. flosculis albis, in glomerulis oblongis asperis, cauliculis proxime adnatis, Raii Syn.

C. C. B. p. 143. Syme, E. B. iii. t. 357. Pult. p. 90.

Dry sandy places; native; frequent. A. May—August.

A. Abbotsbury, *Rev. A. E. Eaton*; on the beach at Burton Bradstock, *Dr. Pulteney*.

C. Chesil Bank, *Rev. E. Fox*; sandy ground near the Ferry Bridge, Portland; Smallmouth-sands near the second stream, *Mr. W. B. Barrett*.

G. Swanage Bay on the road-side towards Ulwell; grassy slopes, Kimeridge Bay; St. Alban's Head; general along the Oolitic range.

Devon, Hants, Somerset, Wilts, Normandy.

T. striatum, L.! *Soft Knotted Trefoil.*

T. parvum hirsutum floribus parvis dilute purpureis in glomerulis mollioribus et oblongis, semine magno, Raii Syn.

C. C. B. p. 143. Syme, E. B. iii. t. 356. Pult. p. 90.

Dry pastures and fields; native; frequent. A. May—July.

C. Cultivated fields near West Knighton Heath, *Mr. W. B. Barrett*; Buckland Rippers.

D. Sandy ground, Sherford Bridge; corn-field on the western slopes of Bere Field.

F. Verwood.

G. St. Alban's Head, on the Down, *Mr. W. Borrer*; Kimeridge Bay; Tyneham Cap; Bradle Down; South Haven; Studland; Cocknowle; Creech.

(Labelled, *T. scabrum* in Herb. Pult. British Museum.)

Devon, Hants, Somerset, Wilts, Normandy.

T. glomeratum, L.! *Smooth round-headed Trefoil.*

T. cum glomerulis ad caulium nodos rotundis, Raii Syn.

C. C. B. p. 144. Syme, E. B. iii. t. 358. Phyt. iii. 262. Pult. 90.

Gravelly heaths and pastures; native; rare. A. June, July.

F. Sandy soil, Poole and Canford Heaths, *Dr. Pulteney*; hedge-banks between the Wareham railway-station and Best-wall.

G. Studland, *Mr. J. Woods*; hedge-banks between the village and Old Harry.

Devon, Isle of Wight, Somerset, Normandy.

T. fragiferum, L.! *Strawberry-headed Trefoil.*

C. C. B. p. 144. Syme, E. B. iii. t. 363. Pult. p. 90.

Meadows and pastures; native; frequent. P. June—September.

A. Lyme Regis.

B. Bradford Abbas, *Prof. Buckman*.

C. East Lulworth; Portland; Weymouth, *Dr. Pulteney*; Lodmoor.

D. Pastures, Chamberlayne's; road-side between Roke Farm and Bere Regis.

E. Road-side, Holwell; Stoke Wake Common; between Folke and Bishop's Caundle.

F. Waste place near the Reformatory School; sides of lane towards the river, Sturminster Marshall.

G. Pastures and waste places, Kimeridge; Steeple and Blackminston Farms; South Haven, Poole.

Devon, Hants, Somerset, Wilts, Normandy.

T. procumbens, L.! *Hop Trefoil.*

T. luteum lupulinum, *Ger. em.*

T. agrarium, *Huds. Fl. Ang.*

C. C. B. p. 145. Syme, E. B. iii. t. 365.

Dry pastures and road-sides; native; common. A. April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

T. minus, Relhan.! *Lesser Yellow Trefoil.*

T. luteum lupulinum alterum minus, *Raii Syn.*

C. C. B. p. 145. Syme, E. B. iii. t. 366.

Dry pastures and road-sides; native; common. A. April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

T. filiforme, L.! *Slender Yellow Trefoil.*

Trifolium lupulinum minimum, *Dillen. in Raii Syn.*

C. C. B. p. 145. Syme, E. B. iii. t. 367.

Dry pastures; native; less common than the former. A. May—September.

C. Slopes of cliffs near Sandsfoot Castle towards Bencliff; near Portland Bridge, *Mr. W. B. Barrett*.

D. Sandy ground, Chamberlayne's; Bingham's Melcombe; Alton.

F. Deverill Down; Delcombe Wood.

G. Kimeridge Hill.

Devon, Hants, Somerset, Wilts, Normandy.

LOTUS, *L.***L. corniculatus, L.!** *Common Bird's-foot Trefoil.*

L. corniculata glabra minor, Raii Syn. Trifolium siliquosum minus, Ger. em.

C. C. B. p. 145. Syme, E. B. iii. t. 368.

Pastures; native; common. P. May—August.

Generally distributed.

var. b. crassifolius, Syme.

G. Cliffs, Kimeridge.

Devon, Hants, Somerset, Wilts, Normandy.

L. tenuis, Kit.! *Slender Bird's-foot Trefoil.*

C. C. B. p. 146. Syme, E. B. iii. t. 369.

Cultivated ground.

F. Ensbury Farm, *Rev. J. H. Austen*; ley-field, Chescombe Farm, adjoining Deverill Down.

Devon, Wilts, Normandy.

L. major, Scop.! *Marsh Bird's-foot Trefoil.*

L. corniculatus major, Raii Syn.

C. C. B. p. 146. Syme, E. B. iii. t. 370.

Hedges and bushy places; native; common, especially on the heath district. P. May—September.

A. Hook Park; Lyme Regis; Witherstone Common.

C. Buxton's Lane, *Mr. W. B. Barrett.*

E. Honeycombe Wood.

F. Corfe Mullen; Chace Woods; Houghton Wood; Uddens.

G. Studland; Stoborough; Hyde Wood.

Devon, Hants, Somerset, Wilts, Normandy.

L. hispidus, Desf.! *Short-podded small Bird's-foot Trefoil.*

C. C. B. p. 146. Syme, E. B. iii. t. 372. Phyt. iii. 263.

Hedge-banks and waste places; native; common. A. May, June.

F. Littleput Gate, Poole Harbour, *Mr. J. Woods.*

G. Descending into Studland on the Poole side, *Mr. J. Woods*; hedge-banks between the village and Old Harry.

Devon, Normandy.

ASTRAGALUS, *L.***A. glycyphyllos, L.** *Sweet Milk Vetch.*

A. luteus perennis procumbens vulgaris sive sylvestris, Raii Syn. Hedysarum glycyrrhizatum, Ger. em.

C. C. B. p. 147. Syme, E. B. iii. t. 377. Pult. p. 90.

Woods and hedges on chalk; native; rare. P. June July.

"About hedges and the borders of corn-fields, but not common. I have seen a few plants of it several times, but nowhere in plenty, *Dr. Pulteney*."

F. Hedge between Ashmore Inn and Rushmore, *Rev. T. Bury*. Somerset, Wilts, Normandy.

ORNITHOPUS, L.

O. perpusillus, L.! *Least Bird's-foot.*

Ornithopodium majus et minus, Ger. em.

C. C. B. p. 148. Syme, E. B. iii. t. 378. Pult. p. 89.

Sandy and dry gravelly soils; native; frequent on the heath district. A. May—July.

A. Abbotsbury Castle, *Earl of Ilchester*; cliffs, Charmouth, *Rev. E. Fox*.

D. Sandy ground, Sherford Bridge; Chamberlayne's; Ilsington Heath.

F. Mill Down, Blandford, *Dr. Pulteney*.

G. Sand-hills, Studland; corn-fields, Arne; Redcliff near Wareham.

Devon, Hants, Somerset, Wilts, Normandy.

HIPPOCREPIS, L.

H. comosa, L.! *Horse-shoe Vetch.*

Ferrum equinum Germanicum siliquis in summitate, Raii Syn.

C. C. B. p. 148. Syme, E. B. iii. t. 380. Pult. p. 89

Banks and pastures; native; common. P. May—August.

A. Near Bridport, not common; but I have found it near Beaminster and Toller Down in some quantities, *Rev. E. Fox*.

C. Eastern side of Portland, *Dr. Pulteney*; Undercliff, Portland, *Rev. H. E. Fox*; pastures, Portisham; meadow at the backwater, Weymouth, towards Radipole; White-way Hill, East Lulworth; Ridgeway Hill.

D. Bingham's Melcombe; bank near the lime-kiln towards Hilton; Plush; Cheselborne.

E. Road-side near Shillington; downs, Rushmore Lodge.

F. Ashcombe and Melbury Hills, *Dr. Pulteney*; Hod and Hambledon Hills; railway-bank below Mill Down, Blandford; Houghton Stubbs; waste ground near the Reformatory.

- G. South side of Grange Hill; Kimeridge Hill; Durlleston Cliffs and the down above Seacombe Valley; Bradle Down; Flowers Barrow.
Devon, Hants, Somerset, Wilts, Normandy.

ONOBRYCHIS, *Tourn.*

- O. *sativa*, *Lam.*! *Sainfoin*.
O. seu Caput gallinaceum, *Raii Syn.*, *Ger. em. Hedysarum*,
Onobrychis, *L.*
C. C. B. p. 149. Syme, E. B. iii. t. 381. Pult. 89.
Chalk-banks and borders of fields; native?; frequent. P.
May—September.
B. Bradford Abbas, railway-banks, *Prof. Buckman*.
C. East Lulworth; Arish Mill; Portland.
D. Banks near the lime-kiln, Bingham's Melcombe.
F. Railway-cutting between Wimborne and Bailey Gate;
Whitchurch Farm near the Reformatory School; Bere
Fields; Milborne Rings.
Somerset, Hants, Wilts, Normandy.

VICIA, *L.*

- V. *sylvatica*, *L.*! *Wood Vetch*.
Vicia sylvatica multiflora maxima, *Raii Syn.*
C. C. B. p. 149. Syme, E. B. iii. t. 387. Pult. p. 89.
Salter's List.
Woods and bushy places; native; not common. P.
June—August.
A. Poorstock and in the Valley of Mythe, *Rev. E. Fox*,
Witherston Wood.
B. Bradford Abbas; Clifton Wood and elsewhere, *Prof. Buck-*
man; Batcombe, *Rev. T. Marshall*.
C. Portland, Undercliff, *Rev. H. E. Fox*; Yellowham Wood,
Mrs. M. Frampton.
E. In a hedge going down Stoke Hill from Bulbarrow, *Dr.*
Pulteney.
F. Houghton Wood; Delcombe Park.
G. Talbot's Wood, Langton Matravers, *Rev. J. H. Austen*.
Devon, Isle of Wight, Somerset, Wilts, Normandy.
- V. *Cracca*, *L.*! *Tufted Vetch*.
Cracca, *Raii Syn.* *V. multiflora*, *C. B. P.*
C. C. B. p. 149. Syme, E. B. iii. t. 385.
Woods and bushy places; native; common. P. June—
August.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

V. sativa, L.! *Common cultivated Vetch.*

C. C. B. p. 150. Syme, E. B. iii. t. 392.

Borders of fields, road-sides and woods; native; common.

A. or B. April—July.

Generally distributed.

V. angustifolia, Roth.! *Common Wild Vetch.**V. sylvestris sive Cracca major, Raii Syn., Ger. em.*

C. C. B. p. 150. Syme, E. B. iii. t. 393.

Fields and waste places, especially sandy soils.

Generally distributed.

var. b. Bobartii, Forst.

C. C. B. p. 499. Syme, E. B. iii. t. 394.

D. Sandy ground near Sherford Bridge; Chamberlayne's,
Bere Regis.

G. Creech clay-pits.

Devon, Hants, Somerset, Wilts, Normandy.

V. lathyroides, L. *Spring Vetch.**V. minima præcox Parisiensium, Dillen. in Raii Syn.*

C. C. B. p. 150. Syme, E. B. iii. t. 395. Pult. p. 89.

Road-sides and dry pastures; native; rare. A. April—
June.B. Sandy banks, Bradford Abbas, sparingly, *Prof. Buckman.*C. About Wareham, but very sparingly, *Dr. Pulteney*; Wey-
mouth, *Sir T. G. Cullum.*F. Corn-fields on the side of Hambledon Hill, *Dr. Pulteney.*G. In Purbeck and about Wareham, sparingly, *Dr. Pulteney.*
(The specimens, labelled *V. lathyroides* in *Dr. Pulteney's*
Herbarium at the British Museum, are not this plant.)
Isle of Wight, Somerset, Normandy.**V. lutea, L.!** *Rough-podded Yellow Vetch.**V. sylvestris lutea siliqua hirsuta, C. B. Pin., Huds. Fl.*
Ang. p. 319.

C. C. B. p. 150. Syme, E. B. iii. t. 389. Pult. p. 89.

Sea-shores and cliffs, stony ground generally near the sea;
native; rare. P. June—August."Found by Mr. Hudson at Weymouth, soon after the
publication of the first edition of his *Flora*." *Dr. Pulteney.*B. Bradford Abbas; plentiful on a sandy hedge-bank, *Prof.*
*Buckman.*C. At Weymouth, *Sir T. G. Cullum*; beach at Lodmore, *Mr.*
W. B. Barrett; Weymouth, backwater near the railway-
terminus; Cliffs, Sandsfoot Castle.

Isle of Wight, Somerset, Wilts, Normandy.

- [Sub-sp. *lævigata*, Sm. *Vicia hybrida*, Huds. Fl. Ang. 319.
C. C. B. p. 500. Syme, E. B. iii. t. 390. Pult. p. 89.
Bot. Guide, i. p. 228.
On the pebbly beach near Weymouth, *now extinct*.
C. Portland Island, among the shingles near Chesil Bank, and
even flowering under the stones some depth. Sir T. G.
Cullum. Lodmoor near Weymouth, Hudson.
"I have seen no specimens besides those in the Smithian
Herbarium, which contains both the wild plants from
Weymouth and larger cultivated examples from Dr.
Goodenough's garden. The Weymouth specimens of
Vicia lutea in Smith's Herbarium approach *Vicia*
lævigata, and it is very desirable that the resemblance
should be further investigated by botanists in that
neighbourhood." T. B. Syme.]
- V. sepium**, L. ! *Bush Vetch*.
V. maxima dumetorum, Ger. em.
C. C. B. p. 151. Syme, E. B. iii. t. 388.
Woods and shady places ; native ; common. P. April—
October.
Devon, Hants, Somerset, Wilts, Normandy.
- V. bithynica**, L. ! *Bithynian Vetch*.
Huds. Fl. Ang. p. 320.
C. C. B. p. 151. Syme, E. B. iii. t. 396. Pult. p. 89.
Bot. Guide, p. 228.
Bushy places, especially near the sea ; native ; rare. P.
May—August.
A. Beach at Lyme Regis, Rev. J. Jones.
C. In a field half-way between Weymouth and Portland Ferry,
by the sea, Mr. Lambert ; waste ground near the railway-
terminus, Weymouth.
G. In Purbeck, Hudson.
Devon, Somerset, Normandy.
- V. hirsuta**, Koch. ! *Hairy Tare*.
Cracca minor, Johns. *V. segetum cum siliquis plumis hirsutis*,
C. B. P. *Ervum hirsutum*, L.
C. C. B. p. 151. Syme, E. B. iii. t. 382. Pult. p. 89.
Cultivated and waste ground, hedges ; native ; common. A.
June—August.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- V. tetrasperma**, Mærch. ! *Four-seeded slender Tare*.
V. segetum siliquis singularibus glabris, C. B. P. *Ervum*
tetraspermum, L.

C. C. B. p. 151. Syme, E. B. iii. t. 383.
 Hedges and corn-fields; native; common. A. May—
 August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

V. gracilis, Lois. ! Many-seeded slender Tare.

C. C. B. p. 152. Syme, E. B. iii. t. 384.
 Corn-fields and waste places; colonist?; rare. A. May—
 August.
 B. Bradford Abbas, and on the road to Sherborne; *Prof. Buckman*.
 C. Corn-fields, Portland.
 G. Waste places between Puddle Mill and West Orchard,
 Church Knowle, *The Rev. O. L. Mansel*.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.

LATHYRUS. L.

L. Aphaca, L. ! Yellow Vetchling.

C. C. B. p. 152. Syme, E. B. iii. t. 397. Pult. p. 89.
 Sandy and gravelly places; colonist?; frequent. A. May—
 August.
 A. Lodders, *Dr. Pulteney*; Abbotsbury and Gorwell, *Rev. A. E. Eaton*.
 B. Bradford Abbas, *Prof. Buckman*; road-side between Mil-
 borne Port and the railway-station.
 C. About Weymouth, *Dr. Pulteney*; Ridgeway Hill, *Mrs. M. Frampton*; fields at Wyke Regis and Chickerel; Port-
 land Bridge near high-water mark, *Mr. W. B. Barrett*;
 corn-fields, Portland.
 F. Corn-fields, Nutford, also Langton Farm; Spettisbury Field,
Dr. Pulteney; hedge bank near the railway bridge,
 Durweston.
 G. Swanage, *Mr. J. C. Dale*; Gadcliff, *Rev. O. L. Mansel*.
 Devon, Somerset, Wilts, Normandy.

L. Nissolia, L. ! Grass-leaved Vetch.

Catanance leguminosa quorundam, Raii Syn. Ervum sylvestre,
Ger. em.
 C. C. B. p. 152. Syme, E. B. iii. t. 398. Pult. p. 89.
 Bushy places and borders of fields; native; rare. A.
 May, June.
 A. Swyre, *Rev. W. Boulton*.
 B. Hedge between Ryme and Closworth, *Prof. Buckman*.
 C. Corn-fields about Weymouth, *Dr. Pulteney*; north of Sands-
 foot Castle near the shore; fields near Wyke Regis, *Mr. H. Groves*; grassy places, Holworth Cliff.

- E. Hedges, Hazelbury Bryan.
 - F. Borders of corn-fields, Nutford, *Dr. Pulteney*.
 - G Grassy places, Gadcliff; hedges, West Orchard, *Rev. O. L. Mansel*; hedges, Kimeridge; borders of corn-fields, South Eggleston.
- Devon, Isle of Wight, Somerset, Wilts, Normandy.

- L. pratensis, L.!** *Meadow Vetchling.*
L. luteus sylvestris dumetorum, Raii Syn.
 C. C. B. p. 153. Syme, E. B. iii. t. 400.
 Meadows, pastures, hedges and woods; native; common.
 P. June—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

- L. sylvestris, L.!** *Narrow-leaved Everlasting Pea.*
L. major flore rubente et albido minore dumetorum, Raii Syn.
 C. C. B. p. 153. Syme, E. B. iii. t. 402. Pult. 89. Bot.
 Guide, i. p. 228. Salter's List.
 Thickets and hedges; native; rare. P. June, August.
 A. Near Bridport, *Rev. E. Forster, jun.*; near the first mile-
 stone on the Bridport and Dorchester turnpike-road.
 D. Piddletown Woods, *Dr. Pulteney*.
 F. Hedges by the road-side, Milborne St. Andrew's, *Dr.*
Pulteney.
 G. Encombe, *Dr. Pulteney*; marble-quarry, Woody Hyde,
Rev. J. H. Austen; Kimeridge Copse.
 Devon, Hants, Somerset, Wilts, Normandy.

- L. maritimus, Bigel.!** *Sea-side Everlasting Pea.*
Pisum marinum, Raii Syn. Pisum maritimum, L.
 C. C. B. p. 154. Syme, E. B. iii. t. 405. Pult. p. 89.
 Pebbly beaches; native; rare. P. July, August.
 C. On the sand and naked pebbles of Chesil bank, running
 from Portland to Abbotsbury, *Dr. Pulteney*.
 F. North shore, east of Poole, *Dr. Argent*.
 Normandy.

OROBUS, L.

- O. tuberosus, L.!** *Tuberous bitter Vetch.*
Astragalus sylvaticus, Ger. em. Lathyrus sylvestris lignosior,
Park. Lathyrus macrorrhizus, Wimm.
 C. C. B. p. 154. Syme, E. B. iii. t. 406. Pult. p. 89.
 Thickets, woods and heaths; native; common. P. April—
 July.
 A. Prestwood near Bridport, *Rev. J. Jones*; Chapel Copse,
 Gorwell.

- D. Bere Wood ; Chamberlayne's ; Ilsington Wood.
 - E. Melcombe Park ; road-side, Fiddleford ; Donclyffe Wood.
 - F. Henbury Wood ; West Parley Wood ; Park Wood,
Houghton ; Corfe Mullen ; Broadley ; Charlbury.
 - G. Rempston wood and heath ; Creech Grange ; Woody Hyde,
Langton Matravers.
- Devon, Hants, Somerset, Wilts, Normandy.

ROSACEÆ.

PRUNUS, L.

- P. spinosa, L.!** *Common Sloe, L.!*
Prunus sylvestris, Ger. em., Rati Syn.
 C. C. B. p. 154. Syme, E. B. iii. t. 408.
 Hedges and woods ; native ; common ; Shrub. March—
 May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. institia, L.!** *Bullace.*
Prunus sylvestris major, Rati Syn.
 C. C. B. p. 155. Syme, E. B. iii. t. 409.
 Hedges and woods ; native ; less common than the above.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. domestica, L.!** *Wild Plum.*
 C. C. B. p. 500. Syme, E. B. iii. t. 410.
 Hedges ; not truly wild. Tree. April, May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. Padus, L.!** *Bird Cherry.*
Cerasus avium nigra et racemosa, Ger. em., Rati Syn.
 C. C. B. p. 155. Syme, E. B. iii. t. 413.
 Woods and hedges ; alien ? ; rare. Tree. May.
- F.** Dairy Copse, High Hall.
- G.** Hedges, Creech and Bushy.
 Wilts, Normandy.
- P. Avium, L.!** *Wild Cherry.*
*Cerasus sylvestris ac major fructu subdulci, nigro colore
 inficiente*, C. B. P.
 C. C. B. p. 155. Syme, E. B. iii. t. 411.
 Woods and hedges ; denizen ? . Tree. May.
- A.** Bridehead, Rev. A. E. Eaton.

- F. Chace Wood near West Lodge.
- G. Bryanston; Dewlish.
Devon, Isle of Wight, Wilts, Normandy.

P. Cerasus, L.! Morella Cherry.

- Cerasus sylvestris fructu rubro*, *Raii Syn.*
C. C. B. p. 155. Syme, E. B. iii. t. 412.
Woods and hedges; denizen. Tree. May.
- D. Hedges between Chamberlayne's and Turner's Piddle.
- E. Hedges, Stourton Caundle.
- G. Furzebrook, *Rev. O. L. Mansel.*
Devon, Isle of Wight, Normandy.

SPIRÆA, L.

S. Ulmaria, L.! Meadow-sweet.

- Barba capri floribus compactis*, *C. B. P.*
Ulmaria Vulgaris, *Park.*
C. C. B. p. 156. Syme, E. B. iii. t. 415.
Meadows, hedges and river-sides; native; common. P.
June—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

S. Filipendula, L.! Dropwort.

- Filipendula*, *Ger. em.*, *Park.*, *R Syn.*
C. C. B. p. 156. Syme, E. B. iii. t. 416. Pult. p. 81.
Meadows, downs and waste places; native; frequent on
the chalk. P. June—August.
- B. Bradford Abbas, *Prof. Buckman*; downs, Dorchester, *Mrs.*
M. Frampton.
- D. Long Plantation between Piddlehinton and Chebbard.
- F. Stour Payne Bushes; Thickthorn Down; Hod Hill, Nut-
ford Field, *Dr. Pulteney*; Deverill Down; Thorncombe
Down.
- G. Bushy slopes, Seacombe.
Devon, Hants, Somerset, Wilts, Normandy.

GEUM, L.

G. rivale, L.! Water Avens.

- Caryophyllata montana purpurea*, *Raii Syn.*
C. C. B. p. 156. Syme, E. B. iii. t. 459. Pult. p. 82.
Moist meadows and woods; native; frequent. P. May,
June.
- A. Gorwell; Ashley Wood.

- B. Evershot, near the railway-station, *Rev. E. Fox*.
 C. Meadows, East Stoke, *Rev. E. Fox*; Frome St. Quentin,
Rev. G. Crabbe.
 D. Grove, Bingham's Melcombe, *Rev. C. W. Bingham*.
 E. Mappowder, *Rev. E. Binfield*.
 F. Meadows, Verwood and near St. Leonard's Bridge.
 G. Grange Wood, *Rev. O. L. Mansel*; Stoborough Meadows.
 Devon, Hants, Somerset, Wilts, Normandy.
- G. urbanum, L.!** *Common Avens*.
Caryophyllata, Ger. em.
 C. C. B. p. 156. Syme, E. B. iii. t. 457.
 Woods and hedges; native; common. P. April—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- G. intermedium, Ehrh.!** *Intermediate Avens*.
Geum rivale, b. Sm. Fl.
 C. C. B. p. 157. Syme, E. B. iii. t. 458.
 Moist woods; native; rare. P. April—September.
 Probably an hybrid between *G. urbanum* and *G. rivale*.
 A. Moist wood between Gorwell and Abbotsbury Hill, on the
 north side of the range.
 D. Grove, Bingham's Melcombe.
 Wilts, Normandy.

POTENTILLA, L.

- P. anserina, L.!** *Silver-Weed*.
Pentaphylloides Argentina dicta, Raii Syn.
 C. C. B. p. 158. Syme, E. B. iii. t. 433.
 Meadows and road-sides; native; common. P. April—
 October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. argentea, L.!** *Hoary Cinquefoil*.
Pentaphyllum erectum, foliis profunde sectis, subtus argenteis,
flore luteo, Raii Syn.
 C. C. B. p. 158. Syme, E. B. iii. t. 435. Pult. 82.
 Sandy road-sides and fields; native; rare. P. June,
 July. Dr. Pulteney does not give any precise locality
 for this plant.
 D. Ley-field, near Sherford Bridge.
 Somerset, Hants, Wilts, Normandy.
- P. reptans, L.!** *Common Creeping Cinquefoil*.
Pentaphyllum vulgatissimum, Raii Syn., Park.

C. C. B. p. 159. Syme, E. B. iii. t. 432.
 Meadows, heaths, pastures and way-sides; native; common.
 P. May—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

P. Tormentilla, Schenck.! *Common Tormentil.*
Tormentilla, Ger. em. T. officinalis, Curt.. T. erecta, L.
 C. C. B. p. 159. Syme, E. B. iii. t. 430. Pult. p. 82.
 Moors, woods, and heathy places; native; common. P.
 April—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

P. procumbens, Sibth. *Creeping Tormentil.*
 C. C. B. p. 159. Syme, E. B. iii. t. 431.
 F. Lytchett, Dr. Salter; Longthorns Plantation.
 G. Red Cliff, Wareham.
 Normandy.

P. Fragariastrum, Ehrh.! *Strawberry-leaved Cinquefoil.*
Fragaria sterilis, Raii Syn. Fragaria minime vesca seu sterilis, Ger. em.
 C. C. B. p. 160. Syme, E. B. iii. t. 427.
 Hedge-banks, woods and heaths; native; common. P.
 February—May.
 Generally distributed
 Devon, Hants, Somerset, Wilts, Normandy.

COMARUM, L.

C. palustre, L.! *Marsh Cinquefoil.*
Pentaphylloides palustre rubrum, Raii Syn.
 C. C. B. p. 160. Syme, E. B. iii. t. 437. Pult. 82.
 Marshes and peaty bogs; native; frequent. P. May—July.
 A. Poorstock Common, Rev. E. Fox.
 C. Moreton Heath, in the water-courses.
 D. Between Sandford Bridge and Wareham.
 F. Tattenham, Poole, Dr. Salter; meadows, Newbridge,
 Moor's river between Wimborne and Ringwood.
 G. Water-courses, Stoborough Meadows; Povington; meadows
 north of Corfe Castle.
 Devon, Hants, Somerset, Normandy.

FRAGARIA, L.

F. vesca, L.! *Wood Strawberry.*
Fragaria vulgaris, Park.

C. C. B. p. 160. Syme, E. B. iii. t. 438.
 Woods; native; common. P. April—August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

- F. elatior, Ehch.! Hautboy Strawberry.**
 C. C. B. p. 551. Syme, E. B. iii. t. 439.
Fragaria vesca pratensis, L.
 Woods and heaths; denizen; rare. P. April—August.
 Probably a garden escape.
F. Road-side between Bailey Gate and Upton.

RUBUS, L.

- R. Idæus, L.! Common Raspberry.**
R. Idæus spinosus fructu rubro, Raii Syn.
 C. C. B. p. 161. Syme, E. B. iii. t. 442.
 Woods; native; frequent; Shrub. May, June.
A. Lewesdon Hill; Witherston, Rev. E. Fox; Stoneholes,
 Bridehead, Rev. A. E. Eaton.
D. Piddle Wood, Bere Regis; Warren Hill, Milborne St.
 Andrew's; hedges, Hyde; Morden Park.
F. Cliff, Whatcombe; Delcombe Wood.
G. Tyneham Wood; Creech Grange, where it comes up
 spontaneously.
 Devon, Hants, Somerset, Wilts, Normandy.
- R. fruticosus, L.! Common Bramble.**
R. major fructu nigro, Raii Syn.
 C. C. B. p. 162, Syme, E. B. iii. tt. 444—456.
 Woods, hedges; native. Shrub. June—September.
- 1. R. suberectus, Anders.! Sub-erect Bramble**
 Syme, E. B. iii. p. 164, t. 444. Bab. Man. p. 106.
C. Hedges, Radipole.
D. Bingham's Melcombe; Yellowham Wood.
- 2. R. plicatus, Weihe et Nees.!**
 Syme, E. B. iii. p. 166, t. 445. Bab. Man. 106. Salter's
 List.
D. Morden; hedges, third mile-stone on the Wareham and
 Bere Turnpike-road.
- 3. R. affinis, Weihe et Nees.! Intermediate Bramble.**
 Syme, E. B. iii. p. 167. Bab. Man. p. 106. Salter's List.
C. Parkstone, Dr. Salter.
F. Banks on the roadside between Bailey Gate and Upton.

4. *R. rhamnifolius*, *Weihe et Nees.*! *Buckthorn-leaved Bramble.*
 Syme, E. B. iii. p. 168 t. 446. Bab. Man. p. 107. Salter's
 List.
 F. Longthorns Copse.
5. *R. latifolius*, *Bab.*! *Broad-leaved Bramble.*
 Syme, E. B. iii. p. 170. Bab. Man. p. 108.
 D. Chamberlayne's.
 F. Longthorns.
6. *R. discolor*, *Weihe et Nees.*!
 Syme, E. B. iii. p. 171, t. 447. Bab. Man. p. 108.
 Salter's List.
 Generally distributed.
7. *R. leucostachys*, *Sm.*! *Long-clustered Bramble.*
 Syme, E. B. iii. p. 172, t. 448. Bab. Man. p. 109.
 Salter's List.
 C. Corfe Mullen, *Dr. Salter.*
 D. Banks near Mr. Radclyffe's Lodge on the Wareham Turn-
 pike-road.
8. *R. carpinifolius*, *W. et N.*! *Hornbeam-leaved Bramble.*
 Syme, E. B. iii. p. 175. Bab. Man. p. 110.
 C. Oaker's Wood, *Mrs. M. Frampton*; near Poole, *Dr. Salter.*
 D. Cold Harbour, Wareham.
 F. Ibberton Wood; Delcombe; Longthorns.
9. *R. villicaulis*, *W. et N.*! *Pilose-stemmed Bramble.*
 Syme, E. B. iii. p. 176. Bab. Man. p. 110.
 E. Shortwood.
10. *R. macrophyllus*, *W. et N.*! *Large-leaved Bramble.*
 Syme, E. B. iii. p. 177, t. 450. Bab. Man. p. 111.
 C. Parkstone.
11. *R. mucronulatus*, *Boreau.*! *Cuspidate-leaved Bramble.*
 Syme, E. B. iii. p. 178, t. 451. Bab. Man. p. 112.
 F. Longthorns Copse, Milton Park.
12. *R. Bloxamii*, *Lees.*! *Bloxam's Bramble.*
 Syme, E. B. iii. p. 180. Bab. Man. p. 112.
 F. Longthorns Copse.
13. *R. Hystrix*, *Weihe.*! *Hedgehog Bramble.*
 Syme, E. B. iii. p. 181. Bab. Man. 112. Salter's List.
 F. Stanley Green, *Dr. Salter.*
 Poole.

14. *R. cuneatus*, Wats. ! *Blue-flowered Bramble*.
Syme, E. B. iii. p. 181. Bab. Man. p. 113.
F. Longthorns.
15. *R. rudis*, Wats. ! *Coarse Bramble*.
Syme, E. B. iii. p. 182. Bab. Man. 114. Salter's List.
C. Thorne-wood.
F. Longthorns Copse.
16. *R. Bastia*, Wats. ! *Flie-stemmed Bramble*.
Syme, E. B. iii. p. 184. t. 452. Bab. Man. p. 114. Cyth.
Brit. iii. p. 343.
C. Parkstone, Dr. Salter.
F. Clenston Wood: Banks in the Poole road near Hambury.
17. *R. Kochleri*, Wats. ! *Kochler's Bramble*.
Syme, E. B. iii. p. 185. t. 453. Bab. Man. p. 114.
F. Banks between Bailey Gate and Upton.
18. *R. fusco-ater*, Wats. ! *Brownish-black Bramble*.
Syme, E. B. iii. p. 186. Bab. Man. p. 115. Salter's List.
F. About Poole, Dr. Salter.
19. *R. Lejeunii*, W. et N. ! *Lejeune's Bramble*.
Syme, E. B. iii. p. 187. Bab. Man. p. 116.
F. Longthorns Plantation.
20. *R. foliosus*, Weihe. ! *Leafy-flowered Bramble*.
Syme, E. B. iii. p. 190. Bab. Man. p. 117.
C. Long Fleet, near Poole, Dr. Salter.
F. Longthorns Plantation.
21. *R. glandulosus*, Bellard. ! *Glandular-stemmed Bramble*.
Syme, E. B. iii. p. 190, t. 454. Bab. Man. p. 117.
- Var. *b. hirtus*, Waldst. et Kit.
F. Longthorns Copse.
22. *R. corylifolius*, Sm. ! *Hazel-leaved Bramble*.
C. C. B. p. 161. Syme, E. B. iii. p. 192, t. 455. Bab.
Man. 118.
C. Oaker's Wood, Mrs. M. Frampton.
F. Banks on the road-side between Bailey Gate and Upton.
23. *R. tuberculatus*, Bab. ! *Tubercular Bramble*.
Syme, E. B. iii. p. 194. Bab. Man. p. 119.
F. Longthorns Plantation.
24. *R. cæsius*, L. ! *Dewberry*.
Rubus minor fructu cæruleo Raii Syn. *R. repens* fr. cæsius,
Ger. em.

C. C. B. p. 161. Syme, E. B. iii. p. 195, t. 456. Bab.
Man. p. 119.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ROSA, L.

R. spinosissima, L.! *Common Burnet Rose.*

Rosa pimpinellæ folia, Ger. em. *Rosa pimpinella sive pomifera minor*, Park.

C. C. B. p. 162. Syme, E. B. iii. t. 461. Pult. p. 81.

Heaths and pastures; native; not common. Shrub. May, June.

A. Cliffs, Burton Bradstock; Eype Down, *Rev. E. Fox*; rough ground in the neighbourhood of Ashley and Puncknoll Woods.

C. Eastern cliffs, Portland, *Dr. Pulteney*; Owre Moynes; hedges, East Lulworth.

G. Studland Bay, *Dr. Pulteney*; waste ground, Whiteway Hill; rough ground between Creech-Barrow and Church Knowle; Rempston near the clay-pits; Barnston meadows.

Devon, Hants, Somerset, Wilts, Normandy.

R. rubiginosa, L.! *True Sweet-briar.*

Rosa sylvestris odora, Raii Syn., Ger. em.

C. C. B. p. 164. Syme, E. B. iii. t. 468. Pult. p. 81.

Heaths and hedges; native; rare. Shrub. June, July.

B. Bradford Abbas, *Prof. Buckman*.

C. Road-side between Ridgeway and Monckton, *Mr. H. Groves*.

F. Between the Down House and Broadley Wood, *Rev. E. Binfield*.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

R. micrantha, Sm.! *Small-flowered Sweet-briar.*

C. C. B. p. 163. Syme, E. B. iii. t. 469.

Heaths and hedges; native; frequent on the heaths. Shrub. June, July.

A. Foxholes Copse, Little Bredy, *Rev. A. E. Eaton*.

B. Bradford Abbas, *Prof. Buckman*.

C. Heathy ground, Moreton.

D. Hedges between Bere Regis and Morden Mill.

F. Manaton Wood; Longthorns Copse.

Devon, Isle of Wight, Somerset, Normandy.

R. tomentosa, Woods.! *Downy-leaved Rose.*

R. sylvestris pomifera major nostras, Raii Syn. *R. villosa*, Huds. fl. Ang.

C. C. B. p. 163. Syme, E. B. iii. t. 467.

- Hedges and thickets; native; rare. Shrub. June, July.
 D. Bere Wood.
 F. Manaton Wood.
 Devon, Somerset, Wilts, Normandy.
- R. canina, L.!** *Common Dog-Rose.*
Rosa canina inodora, Ger. em.
 Hedges and thickets; native; common. Shrub. June, July.
1. **R. andegavensis, Bastard.!**
 Syme, E. B. iii. p. 219. Baker in Nat., 1864, p. 100.
 D. Keyworth near Wareham.
2. **R. urbica, Leman.!**
 Syme, E. B. iii. t. 474.
 D. Hedge between Cicely Bridge and Blackhill, Bere Regis.
 F. Parkstone.
3. **R. dumetorum, "Thuill," Woods.!**
 Syme, E. B. iii. p. 223. Baker in Nat., 1864, p. 96.
 F. Western's Wood, Whitchurch.
4. **R. lutetiana, Leman.!**
 Syme, E. B. iii. p. 226. Woods, Sm. Eng. Bot. No. 992.
 F. Parkstone.
5. **R. dumalis, Bechs.!**
 Syme, E. B. iii. p. 225. Baker in Nat., 1864, p. 94.
 The most common form.
 Generally distributed.
- R. systyla, Woods.!** *Columnar styled Dog-Rose.*
Rosa collina, Sm. Eng. Bot.
 C. C. B. p. 164. Syme, E. B. iii. t. 475.
 Hedges and thickets; native; not common. Shrub. June, July.
 A. Little Bredy, Rev. A. E. Eaton; hedges Lambert Castle.
 E. Short Wood, Mappowder.
 F. Longthorns Plantation; Western's Wood, Whatcombe.
 G. Valley between Corfe Castle and Swanage; common, Mr. W. Borrer; Blackmanston, Steeple; hedges between Kimeridge and the sea.
 Isle of Wight, Somerset, Wilts, Normandy.
- R. arvensis, Huds.!** *White-flowered trailing Rose.*
R. sylvestris altera minor, flore albo nostra, Raii Syn.
 C. C. B. p. 164. Syme, E. B. iii. t. 476.
 Heaths, borders of fields and thickets; native; not uncommon. Shrub. June, July.

- B. Bradford Abbas, *Prof. Buckman*.
 D. Hedges, Chamberlayne's.
 E. Donclyffe Wood; Prince's Wood, Middle Marsh.
 F. Farnham Common; Higher Manaton Wood; Western's Wood, Whatcombe; Longthorns Copse; between Durweston and Gain's Cross.
 G. Banks, east of Eucombe Valley, *Mr. W. Borrer*; Barnston Wood; Seacombe.
 Devon, Hants, Somerset, Wilts, Normandy.

AGRIMONIA, *Tournef.*

- A. *Eupatoria*, *L.*! *Common Agrimony.*
A. vulgaris, *Park.*
 C. C. B. p. 165. Syme, E. B. iii. t. 417.
 Fields, road-sides and waste places; native; common. P.
 June—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- A. *odorata*, *Mill.*! *Fragrant Agrimony.*
 C. C. B. p. 165. Syme, E. B. iii. t. 418.
 Woods and thickets; native; rare. P. June—September.
- D. Hedge-banks, Hyde near the river on the Chamberlayne's side.
 F. Longthorns Copse; Milborne Wood.
 Devon, Hants, Wilts, Normandy.

SANGUISORBA, *L.*

- S. *officinalis*, *L.*! *Great Burnet.*
Pimpinella sylvestris, *Ger. em.* *Bipennella italica*, *Turn.*
 C. C. B. p. 165. Syme, E. B. iii. t. 419. Salter's List.
 Moist meadows and pastures; native; not common. P.
 June—August.
- C. Luckford Wood.
 G. Near Corfe Castle, *Dr. Salter*; meadows under Grange Wood, Povington, and Creech Barrow.
 Devon, Wilts, Normandy.

POTERIUM, *L.*

- P. *Sanguisorba*, *L.*! *Salad Burnet.*
Pimpinella vulgaris seu minor, *Park.*
 C. C. B. p. 165. Syme, E. B. iii. t. 420.
 Dry pastures; native; common. P. April—August.
 Generally distributed.
 Dorset, Hants, Somerset, Wilts, Normandy.

- * *P. muricatum*, Spach.! *Muricated Salad Burnet*.
 C. C. B. p. 166. Syme, E. B. iii. t. 421.
 Dry calcareous soil; alien?; not uncommon. P. April—August.
 A. Sides of fields between Abbotsbury and Swyre.
 C. Toller Porcorum.
 D. Hedges between Bere Regis and Affpuddle.
 E. Road-side between Melbury Abbas and Fontmell.
 F. Corn-fields, Winterborne Whitchurch.
 G. Corn-fields east of St. Alban's Head.

ALCHEMILLA, L.

- A. vulgaris*, L.! *Common Lady's-Mantle*.
 C. C. B. p. 166. Syme, E. B. iii. t. 423. Pult. p. 70. Turn.
 Herb. iii. 23.
 Meadows and pastures; native; rare. P. June—August.
 A. Monckton Wyld, *Rev. L. Lester*, 1862.
 B. Bradford Abbas, *Prof. Buckman*.
 F. Enclosures near Newbridge, between Wimborne and Ringwood; in the lanes under Prestwood fields, *Rev. J. Jones*; Filgroves Wood, on the north-west side, *Mr. J. W. Green*.
 G. In the Isle of Purbeck, about Grange, *Rev. J. Jones*.
 Devon, Hants, Somerset, Wilts, Normandy.
- A. arvensis*, Scop.! *Field Lady's-Mantle*.
Percepier Anglorum, Raii Syn., Ger. em.
Polygonum selinoides, Parkin.
 C. C. B. p. 166. Syme, E. B. iii. t. 422.
 Sandy and gravelly soils; native; common. A. April—August.
 A. Corn-fields, Puncknoll.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Wool; Chickerel; railway-banks near the Backwater, Weymouth, *Mr. W. B. Barrett*.
 D. Chamberlayne's.
 F. Winterborne Whitchurch; Clenston Wood; Houghton; Milton Abbey wall; Henbury.
 G. Kimeridge Vale; Redhill, Wareham.
 Devon, Hants, Somerset, Wilts, Normandy.

CRATÆGUS, L.

- C. Oxycanthus*, L.! *Hawthorn*.
Oxycanthus, Ger. em., *Mespilus Oxycantha*, Sm. Fl.
 C. C. B. p. 167. Syme, E. B. iii. t. 479.

Woods and hedges; native; common. Tree. April—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

PYRUS, L.

P. Malus, L.! Crab-tree.

Malus sylvestris, Ravi Syn.

C. C. B. p. 167. Syme, E. B. iii. t. 489. Salter's List.

Woods and hedges; native; common. Tree. April.

C. Hedges between Minterne and Cerne.

D. Hedges between Cheselborne and Dolesash.

F. Parkstone, Dr. Salter.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

P. torminalis, Ehrh.! Wild Service-tree.

Sorbus torminalis, Ger. em. *Cratægus torminalis*, L.

C. C. B. p. 168. Syme, E. B. iii. t. 481. Pult. p. 81.

Woods; native; not common. Tree. May, June.

A. Puncknoll Wood.

C. Woods about Litchet, Charboro and Henbury, Dr. Pulteney.

F. Broadley Wood, Dr. Pulteney.

Devon, Hants, Somerset, Wilts, Normandy.

P. Aria, Sm.! Common White-beam.

Aria Theophrasti, Ger. em. *Sorbus sylvestris* *Aria Theophrasti dicta*, Park. *Cratægus Aria*, L.

C. C. B. p. 168. Syme, E. B. iii. t. 482. Salter's List.

Woods, copses and hedges; native; common. Tree. May.

A. Puncknoll Wood.

C. Sydling Wood.

D. Hedges, Melcombe.

F. Chace Woods, as at West Lodge and Handley, Dr. Pulteney; about Litchet, Dr. Salter; Hanford Copses; hedges between Deverill and Milborne St. Andrew.

G. Creech Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

P. Aucuparia, Gaertn.! Mountain-Ash.

Sorbus sylvestris alpina, Lob. *S. sylv. fol. domesticae similis*, Budd.

C. C. B. p. 168. Syme, E. B. iii. t. 486. Pult. p. 81.

Woods; native?; common. Tree. May, June.

C. Boggy woods, Moreton.

F. Broadley, Glenston and Chace Woods, Dr. Pulteney; Higher Manaton Wood.

Devon, Hants, Somerset, Wilts, Normandy.

ONAGRACEÆ.

EPILOBIUM, L.

E. angustifolium, L.! *Wild French-willow, Rose-Bay.**Chamonerion, Ger. em.*

C. C. B. p. 168. Syme, E. B. iv. t. 495.

Moist hedges, river sides, copses; native; rare. P. July, August.

F. Down House plantation; Norden Wood, Durweston; Houghton N. Down, *Rev. C. W. Bingham.*

G. Ditches near Mr. Pike's wharf, Redcliff, Wareham; Swyre hill above Encombe; Creech clay-pits. Somerset, Wilts, Normandy.

E. hirsutum, L.! *Great hairy Willow-herb.**Lysimachia hirsuta siliquosa magno flore, C. B. P.*

C. C. B. p. 169. Syme, E. B. iv. t. 497.

Sides of rivers and ditches; native; common. P. July, August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

E. parviflorum, Schreb.! *Small-flowered hairy Willow-herb.**Lysimachia siliquosa hirsuta parvo flore, C. B. P. Lys. siliq. sylvestris hirsuta, Park.*

C. C. B. p. 169. Syme, E. B. iv. t. 498. Pult. p. 78.

Ditches and river-banks; native; common. P. June—August.

A. Wootton Fitzpaine.

B. Bradford Abbas, *Prof. Buckman*; Honeycombe Wood.

C. River-side, Wool; banks of the Wey.

D. Chamberlayne's.

F. Stour, Blandford; Moor's river near St. Leonard's Bridge.

G. Little Kimeridge; Arish Mill; Gadcliff.

Devon, Hants, Somerset, Wilts, Normandy.

E. montanum, L.! *Broad-leaved Willow-herb.**Lysimachia siliquosa glabra major, C. B. P.*

C. C. B. p. 169. Syme, E. B. iv. t. 499. Pult. p. 78.

Woods and shady banks; native; frequent. P. June—September.

A. Bradford Abbas, *Prof. Buckman.*

B. Honeycombe.

C. Portland, *Rev. H. E. Fox.*

F. Clenston Wood.

G. Kimeridge; Studland.

Devon, Hants, Somerset, Wilts, Normandy.

E. palustre, L.! *Narrow-leaved marsh Willow-herb.*

Lysimachia siliquosa glabra minor angustifolia, Raii Syn.

C. C. B. p. 170. Syme, E. B. iv. t. 504. Pult. p. 78.

Bogs and ditches; native; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

E. tetragonum, L.! *Square-stalked Willow-herb.*

Lysimachia siliquosa glabra media sive minor, Raii Syn.

C. C. B. p. 170. Syme, E. B. iv. t. 502. Pult. p. 78.

Sides of ditches and watery places; native; common. P.

September—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CENOTHERA, L.

C. biennis, L.! *Common Evening-Primrose.*

Lysimachia lutea Virginiana, Ger. em.

C. C. B. p. 513. Syme, E. B. iv. t. 508. Pult. p. 78.

Sandy soils; alien. A. or B. July—September.

C. Field on the west side of the Backwater, Weymouth, Mr.
W. G. Maton.

D. Sandy ground between the railway-station, Wareham and
Bestwall.

Isle of Wight, Somerset, Normandy.

CIRCÆA, L.

C. lutetiana, L.! *Enchanter's Nightshade.*

C. C. B. p. 171. Syme, E. B. iv. t. 511. Pult. p. 65.

Shady woods and hedges; native; common. P. June—
October.

A. Hook Park; Wootton Fitzpaine; Chideock.

B. Honeycombe Wood.

C. East Lulworth; Portland.

D. Springfield Copse, Bere Regis.

E. Piddle Wood, Sturminster Newton.

F. Clenston Wood; Houghton Wood.

G. Grange Wood; Kimeridge Copse; Gadcliff.

Devon, Hants, Somerset, Wilts, Normandy.

HALORAGIACEÆ.**HIPPURIS, L.****H. vulgaris, L.!** *Common Mare's-tail.**Equisetum palustre brevioribus foliis polyspermon, C. B.**Pin. Cauda equina femina, Ger. em.*

C. C. B. p. 172. Syme, E. B. iv. t. 516. Pult. p. 63.

Ditches and ponds; native; not common. P. June, July.

A. Pond, Gorwell.

B. Bridehead.

D. Bogs, Morden Heath, *Rev. E. Binfield*; Morden Mill and Lake.

F. River Allen, below Crichel.

Devon, Hants, Somerset, Wilts, Normandy.

MYRIOPHYLLUM, L.**M. verticillatum, L.** *Whorled Water-Milfoil.**Millefolium aquaticum minus, Ger. em.*

C. C. B. p. 172. Syme, E. B. iv. t. 513. Pult. p. 97.

Ditches and ponds; native; rare. P. July, August.

G. In a boggy ditch near Wareham, *Dr. Pulteney*.

Not confirmed since.

Wilts, Normandy.

M. alternifolium, D. C.! *Alternate-flowered Water-Milfoil.**Potamogeton sive millefolium aquat. pinnatum minus et ramosius, Budd.*

C. C. B. p. 172. Syme, E. B. iv. t. 515.

Ponds and ditches; native; rare. P. June—August.

C. Ditches, Stoke and Moreton.

D. Morden Park Lake.

F. Ditches near St. Leonard's Bridge.

G. Ditches between Stoborough and Arne; Holme.

Hants, Somerset, Normandy.

M. spicatum, L.! *Spiked Water-Milfoil.**Millefolium aquaticum pennatum spicatum, C. B. Pin.*

C. C. B. p. 172. Syme, E. B. iv. t. 514.

Ponds and ditches; native; rare. P. June—August.

C. Lake, Lulworth Castle.

G. Little Sea, Studland.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

CALLITRICHE, L.**C. verna, L.!** *Vernal Water Starwort.**Stellaria aquatica, Park.*

C. C. B. p. 173. Syme, E. B. viii. t. 1271.

Ditches and ponds; native; common. A. April—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

C. platycarpa, Kutz.! *Large-fruited Water Starwort.**Alsine palustris serpyllifolia, Ger. em.*

C. C. B. p. 173. Syme, E. B. viii. t. 1272.

Ditches and pools; native; common. A. April—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

C. hamulata, Kutz.! *Hooked Water Starwort.*

C. C. B. p. 173. Syme, E. B. viii. t. 1273.

Ditches and pools; native; common. A. April—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CERATOPHYLLUM, L.**C. demersum, L.!** *Common Hornwort.**Equisetum palustre ramosum et aquis immersum, &c. Merr.*

C. C. B. p. 174. Syme, E. B. viii. t. 1276.

Ponds and ditches; native; not common. P. July—September.

F. Stepleton Lake.

G. Encombe Lake; ditches, Stoborough meadows.

Somerset, Wilts, Normandy.

LYTHRACEÆ, Juss.**LYTHRUM, L.****L. Salicaria, L.!** *Purple Loosestrife.**Lysimachia purpurea spicata, Ger. em.*

C. C. B. p. 174. Syme, E. B. iv. t. 491.

River-banks and ditches; native; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

PEPLIS, L.**P. Portula, L.! Water Purslane.***Alsine rotundifol. sive Portulaca aquatica, Ger. em.*

C. C. B. p. 174. Syme, E. B. iv. t. 493. Pult. p. 97.

Moist places; native; frequent. May—September.

C. East Stoke.

D. Chamberlayne's; Filioles.

F. Horton Pond; Dunberry Pond, Houghton.

G. Moist places, Studland and Wareham Heaths; Creech clay-pits.

Devon, Hants, Somerset, Wilts, Normandy.

TAMARISCACEÆ.**TAMARIX, L.*****T. anglica, Webb.! English Tamarisk.***Tamariscus Narbonensis, Ger. em. T. gallica, L.*

C. C. B. p. 514. Syme, E. B. ii. t. 139. Pult. p. 75.

Planted near the coast for hedges; alien; shrub. July—September.

C. Lyme Regis, *Rev. E. Binfield*; Bexington Coastguard-station; West Lulworth.

G. Swanage.

Devon, Hants, Somerset, Normandy.

CUCURBITACEÆ, Juss.**BRYONIA, L.****B. dioica, L.! Red-berried Bryony.***B. alba, Ger. em.*

C. C. B. p. 175. Syme, E. B. iv. t. 517. Pult. p. 96.

Hedges and thickets; native; common. P. June—August.

A. Lodders, *Rev. J. Jones*.B. Bradford Abbas, *Prof. Buckman*.

C. Hedges, Shitterton, Bere Regis; Ilsington Wood.

E. Hedges, Stourton Caundle; Durweston; Piddle Wood, Sturminster Newton.

F. Longthorns; Badbury Rings; Crichel.

G. Horse Copse, Steeple; Eggleston; Barnston; Flower's Barrow.

Devon, Hants, Somerset, Wilts, Normandy.

PORTULACACEÆ, *Juss.*MONTIA, *Linn.***M. fontana, L.!** *Water Blinks.**Alsine parv. pal. tricocco portul. aquat. similis, Raii Syn.**Alsine flosculis conniventibus, Merr.*

C. C. B. p. 175. Syme, E. B. ii. t. 259. Pult. p. 68.

Marshy ground; native; common. A. or B. April—August.

A. Boggy ground under Pillesdon Hill, *Rev. E. Fox.*

C. Sandy and boggy ground, Blackhill, Bere Regis.

F. Heath about Wimborne.

G. Water meadows, Stoborough; Holme.

Devon, Hants, Somerset, Wilts, Normandy.

Var. b. M. rivularis, Gmel.!

C. C. B. p. 514. Syme, E. B. ii. p. 136.

F. Stream Winterborne Kingston.

ILLECEBRACEÆ.

POLYCARPON, *L.***P. tetraphyllum, L.** *Four-leaved Allseed.**Anthyllis marina incana alsinefolia, Ger. em.*

C. C. B. p. 176. Syme, E. B. ii. p. 258. Pult. p. 68. Bot.

Guide, p. 217.

Sands and walls near the sea; native; very rare. A.

June—August.

"First found by Mr. Hudson in the Isle of Portland; Mr. Lightfoot found it both in Portland and at the north end, and about Exmouth and Devon; since found on Chesil Bank by A. B. Lambert, esq." *Dr. Pulteney.*

C. Portland, *Hudson*; on the neck of the Isle of Portland, close to the shingly beach, *Rev. A. Goodenough.*
Devon, Normandy.

SCLERANTHACEÆ.

SCLERANTHUS, *L.***S. annuus, L.!** *Common Knawel.**Polygonum selinoides seu Knawel, Ger. em.*

C. C. B. p. 176. Syme, E. B. vii. t. 1175. Pult. p. 79.

Fields and waste places; native; common. A. or B. May—

October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

GROSSULARIACEÆ.

RIBES, *L.*

- * *R. nigrum*, *L.!* *Black Currant.*
R. fructu nigro, *Ger. em.*
 C. C. B. p. 177. Syme, E. B. iv. t. 523.
 Woods and sides of rivers; denizen; rare. Shrub. April,
 May.
 D. Hedges, Bryant's Piddle; river-side, Chamberlayne's.
 Devon, Isle of Wight, Wilts, Normandy.
- R. rubrum*, *L.!* *Red Currant.*
R. vulgaris fructu rubro, *Raii Syn.*
 C. C. B. p. 177. Syme, E. B. iv. t. 520.
 Woods and thickets; native; frequent. Shrub. March,
 April.
 A. Copse, Gorwell; Poorstock; Hook Park.
 B. Bradford Abbas, *Prof. Buckman*; Melbury Abbas.
 F. Clenston Wood; hedges between Kingston and Whitchurch;
 banks of Stour between Bryanston and Durweston.
 Devon, Hants, Somerset, Wilts, Normandy.
- * *R. Grossularia*, *L.!* *Gooseberry.*
 C. C. B. p. 178. Syme, E. B. iv. t. 518.
 Hedges and rocks; denizen; rare. Shrub. April, May.
 A. Bradford Abbas, *Prof. Buckman.*
 F. Hedges, Milborne St. Andrew's; park-wall, Houghton.
 G. Rocks, St. Alban's Head.
 Wilts, Normandy.

CRASSULACEÆ.

TILLÆA, *L.*

- T. muscosa*, *L.!* *Mossy Tillæa.*
 C. C. B. p. 178. Syme, E. B. iv. t. 524. Pult. p. 70.
 Sandy places; native; rare. A. May—July.
 C. Nursery-ground, Parkstone, *Mr. W. Borrer.*
 D. Side of the road near the Cock and Bottle, Morden, *Dr.*
Pulteney. Sherford Bridge; Chamberlayne's.
 F. Sandy ground between Holt and the Cross Keys.
 G. Studland sand-hills.
 Devon, Hants, Normandy.

SEDUM, *L.*

- S. Telephium*, *L.* *Live-long Orpine.*
Telephium vulgare, *C. B. Pin.*

C. C. B. p. 178. Syme, E. B. iv. t. 526. Pult. p. 80.
Hedge-banks and copses; native; rare. P. July,
August.

- A. Lodders, *Rev. E. Binfield*.
Devon, Hants, Somerset, Wilts, Normandy.

S. anglicum, Huds.! *English Stone-crop.*

C. C. B. p. 179. Syme, E. B. iv. t. 531. Pult. p. 80.
Rocky and sandy places, especially near the sea; native; rare.
A. June—August.

- A. Abbotsbury Weirs; Golden Cap, Lyme Regis.
F. On the sands of the heath between Wimborne and Christchurch, *Dr. Pulteney*; Parkstone.
G. Branksea Castle, *Dr. Pulteney*; hedge-banks, Redcliff, Wareham; Studland sand-banks; Rempston.
Devon, Hants, Somerset, Normandy.

***S. album, L.!** *White Stone-crop.*

S. minus officinarum, Ger. em.
C. C. B. p. 515. Syme, E. B. iv. t. 529.
Rocks, walls, and roofs of houses; alien; rare. P. July,
August.

- G. Walls, Swanage.
Devon, Hants, Somerset, Wilts, Normandy.

S. acre, L.! *Biting Stone-Crop or Golden Moss.*

S. minus vermiculatum acre, C. B. Pin.
C. C. B. p. 179. Syme, E. B. iv. t. 532.
Rocks, walls, dry and sandy places; native; frequent. P.
June, July.

- A. Bexington.
B. Hordwell Cliff; Portland.
E. Glanville's Wootton; Folke.
F. Whitchurch West Farm; Thorncombe.
G. Kimeridge Hill; Studland; Flower's Barrow.
Devon, Hants, Somerset, Wilts, Normandy.

***S. reflexum, L.!** *Crooked yellow Stone-crop.*

S. minus hematoides, Ger. em. S. minus luteum ranulis reflexis, C. B. Pin.

C. C. B. p. 516. Syme, E. B. iv. t. 534.
Rocks, walls and housetops; alien; frequent. P. June, July.

- A. Puncknoll; Portisham; Poorstock; Stoke Abbott.
C. Radipole.
E. Walls, Stourton Caundle; Folke.
Devon, Hants, Somerset, Wilts, Normandy.

SEMPERVIVUM, L.

- * **S. tectorum, L.!** *Common House-leek.*
Sedum majus vulgare, C. B. Pin. Sempervivum majus, Ger.
em., Raii Syn.
 C. C. B. p. 516. Syme, E. B. iv. t. 538.
 Tops of walls and roofs of houses; alien; frequent. P.
 July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

COTYLEDON, L.

- C. Umbilicus, L.!** *Common Navel-wort.*
Umbilicus Veneris, Ger. em. Cotyledon vera radice tuberosa,
J. B. P.
 C. C. B. p. 180. Syme, E. B. iv. t. 539. Pult. p. 80.
 Banks and walls; native; frequent. P. May—July.
 A. Puncknoll; Poorstock; Ashley; hedge-banks between
 Charmouth and Golden Cap.
 B. Sherborne; Milborne Port.
 C. Batcombe.
 D. Banks, Shitterton.
 E. Stalbridge; churchyard-wall, Okeford Fitzpaine, Shaftes-
 bury.
 F. Kinson; Canford.
 G. Walls, Smedmore; hedge-banks, Arne; Studland; Red-
 cliff, Wareham.
 Devon, Hants, Somerset, Wilts, Normandy.

SAXIFRAGACEÆ.**SAXIFRAGA, L.**

- S. granulata, L.!** *White Meadow Saxifrage.*
S. alba vulgaris, Park. S. rotundifolia alba, C. B. Pin.
 C. C. B. p. 181. Syme, E. B. iv. t. 555. Pult. p. 79.
 Downs and banks; native; rare. P. April, May.
 F. Stickland Common, under the hedge leading to Ibberton,
Dr. Pulteney; hedge-bank, Bere Down.
 Hants, Wilts, Normandy.
- S. tridactylites, L.!** *Rue-leaved Saxifrage.*
Paronychia rutaceo folio, Ger. em. Sedum tridactylites
tectorum, C. B. Pin.
 C. C. B. p. 182. Syme, E. B. iv. t. 552. Pult. p. 79.

- Wall-tops and dry places; native; frequent. A. or B.
 March—June
- A. Walls, Puncknoll; Gorwell; Poorstock.
 - B. Bradford Abbas, *Prof. Buckman*.
 - D. Sandy ground, Cold Harbour; Spring Gardens, Bere Regis;
 Wool Bridge.
 - F. Walls, Shaftesbury; waste ground, Houghton; Whit-
 church.
 - G. Walls, Smedmore.
 Devon, Hants, Somerset, Wilts, Normandy.

CHRYSOSPLENIUM, L.

- C. oppositifolium, L.!** *Opposite-leaved Golden Saxifrage.*
Saxifraga rotundifolia aurea, C. B. Pin., Raii Syn.
 C. C. B. p. 183. Syme, E. B. iv. t. 563. Pult. p. 79.
 Salter's List.
 Banks of streams and wet places; native; uncommon. P.
 April—June.
- A. Puncknoll Wood; Litton Cheney; Walditch; Chapel
 Copse, Gorwell; Wootton Fitzpaine.
 - B. Melbury Wood.
 - C. Stream, Sydling St. Nicholas.
 - D. Bingham's Melcombe; stream south of Bere Regis church.
 - E. Spring at Melbury near Shaftesbury, *Dr. Salter*; Melcombe
 Park; damp hedge-banks, Stoke Wake.
 - G. Watery places under Creech Barrow.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. alternifolium, L.!** *Alternate-leaved Golden Saxifrage.*
 C. C. B. p. 183. Syme, E. B. iv. t. 564. Pult. p. 79.
 Salter's List.
 Marshy and shady places; native; rare. P. May—July.
- A. Near the Flax pond by Boosebarrow, *Rev. J. Jones*; Vale
 of Marshwood; Poorstock, *Rev. E. Fox*.
 - C. Minterne.
 - E. By a spring at Melbury, near Shaftesbury, *Dr. Salter*.
 Hants, Somerset, Wilts, Normandy.

PARNASSIA, L.

- P. palustris, L. †** *Grass of Parnassus.*
Græmen Parnassi albo simplici flore, C. B. Pin.
 C. C. B. p. 184. Syme, E. B. iv. t. 565. Pult. p. 75.
 Wet moors and bogs; native; very rare. P. August,
 September.

- G. Bogs, Wareham Heath, *Dr. Pulteney* This plant was found in the year 1866, growing in a boggy piece of ground on the north side of Nordon clay-pits; but a complete system of drainage has unfortunately eradicated it, and I have failed in finding it elsewhere in the neighbourhood. It is probable Mr. Heath's and Dr. Pulteney's plants were gathered from the same locality.
Devon, South Hants, Somerset, Wilts, Normandy.

ARALIACEÆ. *Juss.*

ADOXA, *L.*

Adoxa Moschatellina, L.! *Tuberous Moschatel.*

Radix cava minima fl. viridi, Ger. em. Ranunculus nemorosus Moschatella dictus, Park.

C. C. B. p. 184. Syme, E. B. iv. t. 636. Pult. p. 79.

Hedge-banks and tree-roots; native; frequent. P. March, April.

A. Loders, *Rev. J. Jones*; Gorwell; Walditch; Puncknoll Wood.

B. Honeycombe Wood.

C. Minterne.

D. Hedges, Shitterton.

E. Melcombe Park; Bagbere Lane.

F. Western's Wood, Whatcombe.

G. Grange Wood.

Devon, Somerset, Hants, Wilts, Normandy.

HEDERA, *L.*

H. Helix, L.! *Common Ivy.*

Hedera communis major et minor, J. B. P.

H. arborea sive scandens et corymbosa communis, Park.

C. C. B. p. 184. Syme, E. B. iv. t. 633.

Rocks, woods and walls; native; common. Shrub. October, November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CORNACEÆ.

CORNUS, *L.*

C. sanguinea, L.! *Common Dogwood.*

Cornus fœmina, C. B. P., Raii Syn.

C. C. B. p. 184. Syme, E. B. iv. t. 635.

Copses and hedges; native; common. Shrub. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

UMBELLIFERÆ.

HYDROCOTYLE, L.

H. vulgaris, L. ! *Marsh Pennywort*.

Cotyledon palustris, Ger. em., Raii Syn.

C. C. B. p. 185. Syme, E. B. iv. t. 566.

Bogs and marshy places; native; common on the tertiaries.

P. May—July.

A. Gorwell; Pillesdon.

C. Boggy-ground, Wool and Moreton Heaths.

D. Chamberlayne's; Hyde.

F. Litchet Heath.

G. Studland and Wareham Heaths; stream, Arish Mill.

Devon, Hants, Somerset, Normandy.

SANICULA, L.

S. europæa, L. ! *Wood Sanicle*.

S. sive Diapensia, Ger. em., Raii Syn.

C. C. B. p. 185. Syme, E. B. iv. t. 568. Pult. p. 73.

Woods and hedge-banks; native; common. P. April—July.

A. Loders, Rev. E. Binfield; Old Warren, Bridport, Mrs. Reid.

B. Melbury Wood; Honeycombe Wood.

D. Bingham's Melcombe; Ilington Wood; Alton; hedges, Shitterton.

E. Glanville's Wootton, Mr. J. C. Dale; Donclyffe Wood.

F. Clenston Wood; Broadley; Corfe Mullen.

G. Tyneham Wood; Blackmanston, Steeple; Grange.

Devon, Hants, Somerset, Wilts, Normandy.

ERYNGIUM, L.

E. maritimum, L. ! *Sea Holly*.

C. C. B. p. 185. Syme, E. B. iv. t. 569. Pult. p. 73.

Sandy shores; native; frequent. P. July, August.

A. Bridport, Dr. Pulteney; Bexington beach; Burton Bradstock.

C. Sands between the bridge and Portland.

G. Kimeridge and Swanage Bays.

Devon, Hants, Somerset, Normandy.

CONIUM, L.**C. maculatum, L.!** *Common Hemlock.**Cicuta, Ger. em.*

C. C. B. p. 186. Syme, E. B. iv. t. 629.

Banks and road-sides; native; frequent. B. June—November.

A. Bridport Harbour; hedges, Netherbury.

B. Bradford Abbas, *Prof. Buckman*; Honeycombe.

C. Portland Weirs; Holworth Cliff; hedges, Preston.

E. Road-side, Piddle Wood, Sturminster Newton; meadows, Stalbridge.

F. Longthorns; Broadley Wood; hedges on the road-side between Milborne and Dewlish Hill.

G. Waste ground, Swanage; under walls and hedges, Kimmeridge.

Devon, Hants, Somerset, Wilts, Normandy.

SMYRNIUM, L.***S. Olusatrum, L.!** *Common Alexanders.**Hipposelinum Theophrasti seu Smyrnum Dioscoridis, C. B. Pin.*

C. C. B. p. 186. Syme, E. B. iv. t. 631. Pult. p. 75.

Waste places and among ruins; denizen; rare. P. or B. April—June.

A. Bradpole, *Dr. Pulteney*; Eype, *Rev. E. Fox*; Bexington, near the beach; Swyre Village; Litton Cheney.B. Bradford Abbas, meadows on the Yeo, *Prof. Buckman*.C. On the cliffs at Poole, *Dr. Pulteney*; hedge-banks near the Union Workhouse, Weymouth, *Mr. W. B. Barrett*; Southwell, Portland; West Lulworth.D. Wareham, north side of the town, *Dr. Pulteney*.

G. Corfe Castle.

Devon, Isle of Wight, Somerset, Normandy.

APIUM, L.**A. graveolens, L.!** *Wild Celery.**Apium palustre et off. C. B. Pin., Raii Syn.*

C. C. B. p. 187. Syme, E. B. iv. t. 572. Pult. p. 75.

Marshy places by the sea; native; not common. B. June—October.

B. Bradford Abbas, on the Yeo, *Prof. Buckman*.C. Weymouth Castle, *Rev. E. Binfeld*; The Fleet near Wyke Regis; Abbotsbury; Lodmoor; Portland; West Lulworth.

- G. Swanage, *Rev. E. Binfield*; ditches, Kimeridge; St. Alban's Head; Gadcliff.
Devon, Hants, Somerset, Wilts, Normandy.

PETROSELINUM, *Hoffm.*

* *P. sativum*, *Hoffm.*! *Common Parsley.*

Apium hortense, *Ger. em.*

Apium Petroselinum, *L.*

C. C. B. p. 518. Syme, E. B. iv. t. 576.

Walls and waste places; alien. B. June—August.

A garden escape.

Generally distributed.

P. segetum, *Koch.*! *Corn Parsley.*

Sium arvense seu segetum, *Raii Syn.* *Sison segetum*, *L.*

C. C. B. p. 187. Syme, E. B. iv. t. 577.

Hedge-banks and sides of fields; native; rare. B. or A.

July—September.

A. Waste land, Bexington, near the beach.

B. Corn-fields and hedge-rows, Bradford Abbas, *Prof. Buckman*.

C. Portland quarries, near the Rectory, *Rev. H. E. Fox*; side of a field between Weymouth and Chickerel.

G. Corn-lands, Worth Matravers, *Mr. W. Borrer*; Bradle; South Eggleston.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

HELOSCIADIUM, *Koch.*

H. nodiflorum, *Koch.*! *Procumbent Water-Parsnip.*

Sium umbellatum repens, *Ger. em.*

Sium nodiflorum, *L.*

C. C. B. p. 188. Syme, E. B. iv. t. 573.

Marshy places and damp ditches; native; common. P.

April—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

var. b. repens, *Koch.*!

Sium repens, *Jacq.*

C. C. B. p. 519. Syme, E. B. iv. t. 574. Salter's List.

C. Lake, Ham, *Dr. Salter*.

G. Shore, Studland; boggy ground near Little Sea.

H. inundatum, *Koch.*! *Least Water-Parsnip.*

Sium minimum, *Pet.* *Sison inundatum*, *L.*

C. C. B. p. 188. Syme, E. B. iv. t. 475. Salter's List.

- Wet places; native; not common. P. June, July.
 B. Bradford Abbas, *Prof. Buckman*.
 D. Water-course between Wareham and Bestwall; pond at the four-mile-stone between Wareham and Bere Regis.
 F. Ham, *Dr. Salter*; ditches near Manaton Wood; Horton Pond.
 G. Water-courses, Stoborough meadows.
 Devon, Hants, Wilts, Normandy.

SISON, *L.*

- S. Amomum, *L.* ! Hedge Stonewort.**
Sison quod Amomum officinis nostris, C. B. P.
Sium aromaticum Sison off., Raii Syn.
 C. C. B. p. 188. Syme, E. B. iv. t. 578. Pult. p. 74.
 Hedge-banks; native; common. B. August—October.
 A. Lyme Regis.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Chickerel; Bincombe; Sutton Pointz; Portland.
 D. Woodbury Hill.
 E. Stourton Caundle; Mappowder.
 F. Spettisbury; hedges of turnpike-road between Whitchurch and Milborne St. Andrew.
 G. Kimeridge; Cocknowle Hill; Seacombe; hedges between Swanage and Ulwell.
 Devon, Hants, Somerset, Wilts, Normandy.

ÆGOPodium, *L.*

- Æ. Podagraria, *L.* ! Goat-weed**
Angelica sylvestris minor, C. B. P. Herba Gerardi, Ger. em.
 C. C. B. p. 188. Syme, E. B. iv. t. 580. Pult. p. 75.
 Waste places near human habitations; native?; frequent.
 P. May—August.
 A. Puncknoll; Netherbury.
 C. Bindon Abbey.
 F. Hedges, Whatcombe; Durweston.
 G. Swanage; Ulwell.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.

BUNium, *Koch.*

- B. flexuosum, *With.* ! Common Earth-nut.**
Bulbocastanon majus et minus, Ger. em.
B. majus folio Apii, C. B. P. Bunium Bulbocastanum, L.
Conopodium denudatum, Koch.

C. C. B. p. 189. Syme, E. B. iv. t. 584.
Woods and fields; native; common. P. May, June.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

PIMPINELLA, L.

P. Saxifraga, L.! *Common Burnet Saxifrage.*

P. sax. minor fol. sanguisorbæ, Raii Syn.
Bipinella sive Saxifraga minor, Ger. em.
C. C. B. p. 189. Syme, E. B. iv. t. 585. Pult. p. 75.
Dry pastures and road-sides; native; common P. June—
October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

[P. magna, L. Great Burnet Saxifrage.

P. Saxifraga, Ger. em. Saxifraga hircina major, Park.
C. C. B. p. 190. Syme, E. B. iv. t. 586. Pult. p. 75.
Bushy waste places; native; rare. P. July, August.
"More common in the woods of Dorset than in some of the
Midland counties, yet sparingly wherever I have seen it."
Dr. Pulteney. Not confirmed since.]
Devon, Wilts, Normandy.

SIUM, L.

S. latifolium, L.! *Great Water-Parsnip.*

Sium Dioscoridis seu Pastinaca aquatica major, Park.
C. C. B. p. 190. Syme, E. B. iv. t. 587. Pult. p. 74.
Watery places; native; rare. P. July, August.
C. River Frome, *Dr. Pulteney.*
F. River-side, Sturminster Marshall.
Somerset, Normandy.

S. angustifolium, L.! *Water Parsnip.*

Sium majus angustifolium, Ger. em.
C. C. B. p. 190. Syme E. B. iv. t. 588. Pult. p. 74.
Ditches and water-courses; native; frequent. P. July—
September.
C. Water-courses, Toller Porcorum.
D. Water-course between Piddletown and Druce Farm; Bere
Regis; Burleston.
F. Spettisbury; Tarrant Crawford, *Dr. Pulteney*; Sturminster
Marshall.
G. Stoborough meadows.
Devon, Hants, Somerset, Wilts, Normandy.

BUPLEURUM, L.

- B. tenuissimum, L.!** *Slender Hare's-ear.*
B. angustifolium monspeliense, Ger. em. B. angustissimo folio, C. B. Pin.
 C. C. B. p. 190. Syme, E. B. iv. t. 589. Pult. p. 74.
 Salt-marshes; native; rare. A. July—September.
- C. Weymouth, field by Backwater, *Mr. G. S. Gibson*; salt-marshes, Lodmoor near Weymouth, *Rev. J. Jones*; fields near Radipole, *Dr. Maton*; Portland, fields and uncultivated ground above the West Cliff, *Rev. H. E. Fox.*
 Isle of Wight, Somerset, Normandy.
- * **B. rotundifolium, L.** *Perfoliate Hare's-ear, Thoroughwax.*
Perfoliata vulgaris, Ger. em., Raii Syn.
 C. C. B. p. 191. Syme, E. B. iv. t. 591. Pult. 73.
 Corn-fields; alien?; rare. A. June, July.
- F. Cornfields near Blandford; between Almer and Spettisbury, *Dr. Pulteney.* Not confirmed since.
 Isle of Wight, Somerset, Wilts, Normandy.

CENANTHE, L.

- C. fistulosa, L.!** *Common Water-Dropwort.*
Cenante palustris seu aquatica, Park.
 C. C. B. p. 191. Syme, E. B. iv. t. 593.
 Ditches and marshes; native; frequent. P. June—September.
- C. Meadows, Wool.
 D. Chamberlayne's.
 E. Marshy ground, Lydlinch Common.
 F. Ditches, Sturminster Marshall.
 G. Boggy ground between Studland and Little Sea; Stoborough meadows.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. pimpinelloides, L.!** *Callous-fruited Water-Dropwort.*
 C. C. B. p. 192. Syme, E. B. iv. t. 594.
 Meadows, banks and hedges; native; common. P. June—August.
- A. Swyre; Bridehead; Ashley; Chideock; Netherbury.
 B. Meadows on the banks of the Yeo, Bradford Abbas, *Prof. Buckman.*
 C. Between Bincombe and Broadwey, *Mr. E. Forster, jun.;*
 Wyke Regis; Portland; moist ground near The Bill;
 hedges, Ower Moigne.

- D. Road-sides, Bere Regis; lane, Shitterton Farm.
 E. Holwell; Bishop's Caundle; Okeford Fitzpaine.
 F. Hedges, Whitchurch; between Sturminster Marshall fields and Lytchett, *Dr. Pulteney*.
 G. Langton Matravers; Tilly Whim; Cocknowle; Kime-ridge.
 Devon, Hants, Somerset, Normandy.
- Æ. *Lachenalii*, Gmel.! *Parsley Water-Dropwort*.
Æ. pimpinelloides, L. (*Sm. Fl.*)
 C. C. B. p. 192. Syme, E. B. iv. t. 596. Pult. p. 74.
 Salt-marshes; native; not common. P. June—October.
 A. Bexington, near the beach.
 C. Salt-marsh, Lodmoor; Radipole.
 G. Salt-marsh, Wareham; Little Sea, Studland; South Haven, Poole.
 Devon, Hants, Somerset, Normandy.
- Æ. *silaifolia*, Bieb.! *Sulphur-wort Water-Dropwort*.
Æ. peucedanifolia, Poll.
 C. C. B. p. 192. Syme, E. B. iv. t. 595. Pult. p. 74.
 Freshwater-marshes and meadows; native; rare. P.
 May—September.
 C. Marshy ground, Wool.
 D. Morden, *Dr. Pulteney*
 F. Nutford, *Dr. Pulteney*; meadows on the banks of the Stour, Sturminster Marshall.
 Normandy.
- Æ. *crocata*, L.! *Hemlock Water-Dropwort*.
Æ. cicutæ facie Lobelii, Park., *Raii Syn.*
 C. C. B. p. 192. Syme, E. B. iv. t. 597. Pult. p. 74.
 Water places, ditches and rivers; native; common. P.
 July—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- Æ. *Phellandrium*, Lam.! *Fine-leaved Water-Dropwort*.
Phellandrium aquaticum, L.
 C. C. B. p. 193. Syme, E. B. iv. t. 598. Salter's List.
 Ditches and pools; native; rare. B. or P.? June—September.
 F. Stour, Longham Bridge, *Dr. Salter*; Sturminster Marshall; Darweston.
 Devon, Hants, Somerset, Normandy.
- Æ. *fluviatilis*, Coleman.! *River Water-Dropwort*.
 Cyb. Brit. iii p. 193. C. C. B. p. 193. Syme, E. B. iv. p. 131, t. 599. Phyt. iii. p. 266.

- Streams; native; frequent? B. ? or P. June—September.
 B. Bradford Abbas, *Prof. Buckman*.
 C. River Frome, Dorchester.
 F. River Stour, Blandford.
 G. River Frome, Wareham, *Mr. J. Woods*.
 Hants, Somerset, Wilts, Normandy.

ÆTHUSA, L.

- Æ. *Cynapium*, L.! *Common Fool's-Parsley*.
Cicutaria tenuifolia, Ger. em.
 C. C. B. p. 193. Syme, E. B. iv. t. 600. Pult. p. 75.
 Fields and gardens; native; common. A. July, August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

FCENICULUM, Hoffm.

- F. *vulgare*, Gaertn.! *Common Fennel*.
Anethum Fœniculum, L.
 C. C. B. p. 193. Syme, E. B. iv. t. 601. Pult. p. 75.
 Dry places and cliffs; native?; rare. P. July, August.
 C. Rocks, Portland near Bow and Arrow Castle, *Dr. Pul-*
teney; Lulworth Cove.
 F. Ham Ballast-quay.
 G. Chalk-pit, south of Corfe Castle on ascending the hill towards
 Nine-barrow Down.
 Devon, Hants, Somerset, Wilts, Normandy.

SILAUS, Bess.

- S. *pratensis*, Bess.! *Meadow Sulphurwort*.
Saxifraga anglicana facie Seseli pratensis, Ger. em., *Raii*
Syn. Peucedanum Silaus, L.
 C. C. B. p. 194. Syme, E. B. iv. t. 604. Pult. p. 74.
 Pastures and meadows; native; frequent. P. June—Sep-
 tember.
 A. Bexington; Witherstone; Lyme Begis.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Weymouth near the Gasworks; Portland.
 D. Shitterton, Bere Regis.
 E. Woolland; Mappowder; Bishop's Caundle.
 F. Between Shapwick and Blandford, *Rev. E. Binfield*; common
 in the meadows of the Stour from Blandford to Wimborne;
 meadows, Lower Manaton.
 G. Kimeridge; Povington; Swanage.
 Devon, Hants, Somerset, Wilts, Normandy.

CRITHMUM, *L.*

- C. maritimum, L.!** *Rock Samphire.*
C. maritimum, Ger. em. *C. seu Fœniculum marinum minus*,
C. B. Pin.
C. C. B. p. 195. Syme, E. B. iv. t. 606. Pult. p. 74.
 Rocks by the sea-side; native; locally frequent. P.
 May—August.
C. Crevices of cliffs, Portland, Dr. Pulteney; Chesil Bank,
Rev. H. E. Fox; Lulworth Cove.
G. Gadcliff; Kimeridge Bay; St. Alban's Head.
 Devon, Hants, Somerset, Normandy.

ANGELICA, *L.*

- A. sylvestris, L.!** *Wild Anglica.*
Angelica sylvestris major, *C. B. P.*
C. C. B. p. 195. Syme, E. B. iv. t. 607.
 Moist woods and marshy places; native; common. P.
 June—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

PASTINACA, *L.*

- P. sativa, L.!** *Wild Parsnip.*
Pastinaca sylvestris latifolia, *C. B. P.*
C. C. B. p. 196. Syme, E. B. iv. t. 612.
 Borders of fields and pastures; native; common. B. or A.
 June—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

HERACLEUM, *L.*

- H. Sphondylium, L.!** *Common Cow-Parsnip.*
Sphondylium vulgare, *Park.*
C. C. B. p. 196. Syme, E. B. iv. t. 613.
 Hedges and pastures; native; common. P. June—
 October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

DAUCUS, *L.*

- D. Carota, L.!** *Wild Carrot.*
Pastinaca sylvestris tenuifolia, Ger. em.

C. C. B. p. 196. Syme, E. B. iv. t. 615.
Pastures and borders of fields; native; common. B. May—
November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

CAUCALIS, L.

- ***C. daucoides, L.!** *Small Bur-Parsley.*
Caucalis albis floribus, Ger. em.
C. C. B. p. 197. Syme, E. B. iv. t. 617. Salter's List.
Cornfields and sandy places; colonist; rare. A. June,
July.
B. Bradford Abbas, occasionally on the arable from cultivation,
Prof. Buckman.
G. About an old kiln, South Haven, *Dr. Salter.*
Hants, Somerset, Wilts, Normandy.

TORILIS, Hoffm.

- T. Anthriscus, Gaertn.!** *Upright Hedge-Parsley.*
Caucalis minor flosculis rubentibus, Ger. em. Tordylium
Anthriscus, L. Caulalis Anthriscus, Huds. Fl. Ang.
C. C. B. p. 197. Syme, E. B. iv. t. 620.
Hedges and waste places; native; common. B. July—
November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- T. infesta, Spreng.!** *Field Hedge-Parsley.*
Caucalis segetum minor, Anthriscus hispido similis, Raii
Syn. Tordylium infesta, L. (Sm. Fl.) Caulalis infesta,
Curt.
C. C. B. p. 197. Syme, E. B. iv. t. 619.
Fields and way-sides; native; not common. B. July—
September.
C. Corn-fields above Bincombe.
F. Chescombe Farm; West Whitchurch Farm; Houghton;
Kingston.
G. Corn-fields, Holme.
Devon, Hants, Somerset, Wilts, Normandy.
- T. nodosa, Gaertn.!** *Knotted Hedge-Parsley.*
Caucalis nodosa echinato semine, Ger. em. Tordylium
nodosum, L.
C. C. B. p. 197. Syme, E. B. iv. t. 621. Pult. p. 74.
Waste places; native; frequent. B. May—September.
A. Shore, Burton Bradstock; Eype.

- B. Bradford Abbas, *Prof. Buckman*.
 C. Radipole; under walls of pastures, Portland; Lodmoor.
 G. Cliffs, Kimeridge; under walls, St. Alban's Head; Eggleston;
 pastures above Dancing Ledge, Langton Matravers; river-
 side, Corfe Castle.
 Devon, Hants, Somerset, Wilts, Normandy.

SCANDIX, *L.*

- S. *Pecten-Veneris*, *L.*! *Common Venus' Comb.*
Pecten Veneris seu Scandix, *Ger. em.*
Scandix semine rostrato vulgaris, *C. B. Pin.*
C. C. B. p. 198. *Syme*, *E. B.* iv. t. 627.
 Corn-fields; colonist; native. A. April—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

ANTHRISCUS, *Pers.*

- A. *vulgaris*, *Pers.*! *Common Chervil.*
Chærophyllum Anthriscus, *Lam. (Syme, E. B.) Scandix*
Anthriscus, L. (Huds.) Myrrhis sylvestris seminibus
asperis, C. B. Pin.
C. C. B. p. 198. *Syme*, *E. B.* iv. t. 622.
 Waste places and hedge-banks by road-sides; native; rare.
 A. May, June.
 B. Hedges, Bradford Abbas, *Prof. Buckman*.
 F. Hedges, West Parley, *Rev. J. H. Austen*.
 G. Hedge-banks near the Preventive Station, Studland.
 Devon, Hants, Somerset, Wilts, Normandy.

- A. *sylvestris*, *Hoffm.*! *Wild Chervil.*
Circutaria vulgaris, *Raii Syn. Myrrhis sylvestris, Park.*
Chærophyllum sylvestre, L.
C. C. B. p. 198. *Syme*, *E. B.* iv. t. 624.
 Hedges and groves; native; common. P. March—June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

CHÆROPHYLLUM, *L.*

- C. *temulum*, *L.*! *Rough Chervil.*
Cerofolium sylvestre, *Ger. em., Park.*
Chærophyllum sylvestre, C. B. Pin.
C. C. B. p. 198. *Syme*, *E. B.* iv. t. 625. *Pult.* p. 78.

Hedges and copses; native; common. B. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

LORANTHACEÆ, Juss.

VISCUM, L.

V. album, L.! *Common Mistletoe.*

V. baccis albis, C. B. Pin.

C. C. B. p. 199. Syme, E. B. iv. t. 635. bis. Pult. p. 97.

Parasite on trees; native; rare. P. March—May.

A. Orchards, Mosterton, *Rev. E. Fox.*

B. Bradford Abbas, *Prof. Buckman.*

F. Common in the Chase; orchard, Pamphill near Wimborne,
Dr. Pulteney; Crichel Park.

Devon, Hants, Somerset, Wilts, Normandy.

CAPRIFOLIACEÆ.

SAMBUCUS, L.

S. nigra, L.! *Common Elder.*

S. fructu in umbella viridi, C. B. Pin.

C. C. B. p. 199. Syme, E. B. iv. t. 637.

Hedges and copses; native; common. Shrub. April—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. Ebulus, L.! *Danewort or Dwarf-Elder.*

Ebulus sive Sambucus humilis, Ger. em., Park.

C. C. B. p. 199. Syme, E. B. iv. t. 638. Pult. p. 75.

Way-sides and waste places; denizen; rare. Shrub.
April—July.

A. Hedges near Town End, Poorstock, *Rev. E. Fox.*

C. In a field near Southwell, Portland, *Rev. H. E. Fox.*

F. Spettisbury, *Dr. Pulteney.*

G. Langton Matravers.

Devon, Hants, Somerset, Wilts, Normandy.

VIBURNUM, L.

V. Opulus, L.! *Common Guelder-Rose.*

Sambucus aquatilis sive palustris, Ger. em., Raii Syn.

C. C. B. p. 200. Syme, E. B. iv. t. 639. Pult. p. 75.

Copses and hedges; native; frequent. Shrub. May—July.

- A. Gorwell.
 - B. Bradford Abbas, *Prof. Buckman*; Honeycombe Wood.
 - D. River-side, Chamberlayne's; hedges, Waterston.
 - E. Glanville's Wootton, *Mr. J. C. Dale*; Shortwood.
 - F. Chace Woods; Longthorns Copse; hedges, Milborne; banks of Stour, Durweston; Houghton Wood.
 - G. Hyde Wood, Steeple; Grange Wood.
- Devon, Hants, Somerset, Wilts, Normandy.

V. Lantana, L.! Wayfaring-Tree.

Lantana sive Viburnum, *Ger. em.*, *Raii Syn.*

C. C. B. p. 200. Syme, E. B. iv. t. 640. Pult. p. 75.

Dry copses and hedges; native; common. Shrub. April—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

LONICERA, L.

L. Periclymenum, L.! Common Honeysuckle.

Periclymenum sive Caprifolium vulg., *Park.*

C. C. B. p. 200. Syme, E. B. t.

Hedges and copses; native; common. Twining shrub. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

RUBIACEÆ.

RUBIA, L.

R. peregrina, L.! Wild Madder.

Rubia tinctorum, *Raii Syn.*

C. C. B. p. 201. Syme, E. B. iv. t. 645. Pult. p. 69. Parkinson, p. 275.

Rocky places and hedge-banks; native; rather rare. P. May—August.

- A. Near Bridport, *Rev. J. Jones*; Lyme Regis, near the land-slip; hedges between Charmouth and Wootton Fitzpaine.
- C. Portland, "at a place called Somerpill, neere to a Chappell, which is by the landing place as you come from Astferry to Chesell, in great abundance," *Parkinson*; under Eggardon Hill, *Rev. E. Fox*; banks on the shore of the Fleet, Wyke Regis.
- D. "At Wareham, on a mud wall in the same town," *Parkinson*.

- F. In the parish of Stour Payne, two miles from Blandford, *Parkinson* (confirmed by Dr. Pulteney); hedges between Milborne St. Andrew's and Whitchurch; Hod Hill, *Dr. Pulteney*.
- G. Cliff at Durlleston Head; under rocks, St. Alban's Head and Gadcliff.
Devon, Hants, Somerset, Normandy.

GALIUM, L.

G. verum, L.! *Yellow Bedstraw.*

G. luteum, *Ger. em.*

C. C. B. p. 201. Syme, E. B. iv. t. 648.

Hedge-banks and waste places; native; common. P.
May—November.

- A. Lyme Regis.
B. Bradford Abbas.
C. West Lulworth; Portland; Holworth.
D. Turner's Piddle.
E. Buckland Newton.
F. Milborne St. Andrew; Houghton Wood.
G. Langton quarries; Seacombe.
Devon, Hants, Somerset, Wilts, Normandy.

G. cruciatum, With.! *Mugwort.*

Gallium latifolium, *Cruciata quibusdam flore luteo J. B. P.*,
Cruciata Vulgaris, *Park.*, *Raii Syn.*

C. C. B. p. 201. Syme, E. B. iv. t. 647. Pult. p. 69.

Copses, hedges and downs; native; frequent. P. April—September.

- A. Lodders, *Dr. Pulteney*; Poorton; Puncknoll Wood; Ashley.
C. Hook Park.
D. Banks, Turner's Piddle.
F. Charlton Marshall, *Dr. Pulteney*; Clenston and Broadley Woods; Houghton Wood.
G. Waste places, Bradle; Grange; Rempston.
Devon, Hants, Somerset, Wilts, Normandy.

G. palustre, L.! *Marsh Bedstraw.*

Gallium album, *Ger. em.*, *Molluginis vulgationis varietas minor*, *Park.*, *Raii Syn.*

C. C. B. p. 201. Syme, E. B. iv. t. 653, 654.

Marshes and ditches; native; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

- G. uliginosum, L.!** *Rough Marsh Bedstraw.*
Aparine palustris minor Parisiensis, flore albo, Dillen in Raii Syn.
 C. C. B. p. 202. Syme, E. B. iv. t. 655.
 Marshes and ditches; native; frequent. P. July—August.
 B. Bradford Abbas, *Prof. Buckman.*
 D. Morden Park; Spring Gardens; Bryant's Piddle.
 G. Marshes between Corfe Castle and Arne; Creech.
 Devon, Hants, Somerset, Wilts, Normandy.
- G. saxatile, L.!** *Heath Bedstraw.*
G. montanum, Huds.
 C. C. B. p. 202. Syme, E. B. iv. t. 651.
 Rocks and heaths, native; common. P. May—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- G. erectum, Huds.!** *Narrow-leaved Great Bedstraw.*
 C. C. B. p. 202. Syme, E. B. iv. t. 649.
 Hedges and woods; native; not uncommon on the chalk.
 P. May—October.
 C. Ridgeway Hill; Sutton Pointz.
 F. Longthorns.
 G. Under walls, Worth Matravers.
- G. Mollugo, L.!** *Common Great Bedstraw.*
Mollugo vulgatiar, Park.
 C. C. B. p. 202. Syme, E. B. iv. t. 650. Pult. p. 69.
 Hedges and copses; native; common. P. May—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- G. sylvestre, Poll.!** *Slender Bedstraw.*
 C. C. B. p. 203. Syme, E. B. iv. t. 652.
 Grassy places, woods; native; rare. P. July.
 F. Longthorns.
 Normandy.
- *G. tricornis, With.!** *Rough Corn Bedstraw.*
Aparine semine levior, Raii Syn.
 C. C. B. p. 203. Syme, E. B. iv. t. 659.
 Cultivated fields; colonist; rare. A. June—October.
 B. Bradford Abbas, *Prof. Buckman.*
 C. Portland.
 G. Corn-land, Seacombe Cliff, *Mr. W. Borrer*; corn-field, near
 Afflington Barn, Kingston.
 Hants, Somerset, Wilts, Normandy.

A. Aparine, L.! *Goosegrass.**Aparine vulgaris*, C. B. Pin. Raii Syn.

C. C. B. p. 203. Syme, E. B. iv. t. 658.

Hedges and waste places; native; common. A. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

SHERARDIA, L.**S. arvensis, L.!** *Blue Field Madder.**Alisson Plinii*, Turner. *Rubeola arvensis repens cœrulea*, C. B. Pin.

C. C. B. p. 204. Syme, E. B. iv. t. 663. Pult. p. 69. -

Cultivated and waste places; native; common. A. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ASPERULA, L.**A. odorata, L.!** *Sweet Woodruff.**A. seu Rubeola montana odora*, C. B. Pin. A. aut *Aspergula odorata*, Park., Raii Syn.,

C. C. B. p. 204. Syme, E. B. iv. t. 660. Pult. p. 69.

Shaded hedge-banks and copses; native; frequent. P. April—June.

A. Puncknoll Wood.

B. Melbury Wood.

E. Donclyffe.

F. Langton Copse; Broadley Wood, Dr. Pulteney; Clenston Wood; Longthorns; Litchet; Park Wood, Houghton.

G. Rempston Wood; Hyde Wood, Steeple; Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

A. cynanchica, L.! *Squinancy-wort.**Rubia cynanchica*, C. B. Pin.

C. C. B. p. 205. Syme, E. B. iv. t. 661. Pult. p. 69.

Downs and dry banks; native; frequent. P. June—September.

C. Portland.

E. Iwerne Down.

F. Deverill Down; Websley.

G. Creech Down; Tilly Whim; Kimeridge Hill.

Devon, Hants, Somerset, Wilts, Normandy.

VALERIANACEÆ.

CENTRANTHUS, *D C.****C. ruber, *D C.!* Red Valerian.**

C. C. B. p. 523. Syme, E. B. iv. t. 664. Pult. p. 65.

Walls; alien; frequent. P. May—November.

C. Walls, West Lulworth.

VALERIANA, *L.***V. dioica, *L.!* Small Marsh Valerian.**

Valeriana minor, *Ger. em.*

C. C. B. p. 205. Syme, E. B. iv. t. 668. Pult. p. 65.

Wet meadows; native; frequent P. April—June.

A. Loders, *Rev. J. Jones.*

C. Stafford.

D. Chamberlayne's.

E. Melcombe Park.

F. Meadows, Blandford.

G. Meadows, Grange; Stoborough.

Devon, Hants, Somerset, Wilts, Normandy.

V. officinalis, *L.!* (*Syme.*) Great Wild Valerian.

C. C. B. p. 523. Syme, E. B. iv. t. 666. Bab. Man. p. 172.

Woods and hedges; native; frequent especially on the chalk district. P. June—September.

E. Short Wood.

F. Chace Woods; Milton, Hilton and Houghton Woods; Filgroves.

V. sambucifolia, *Mikan.!* (*Bab.*)

Valeriana sylvestris major, *Ger. em.*, *Raii Syn.*

V. officinalis, *Sm. Eng. Bot. No.* 698.

C. C. B. p. 523. Syme, E. B. ii. t. 666. Bab. Man. p. 172.

Sides of rivers and marshy meadows; native; common. P. June—September.

This is a more common form than the preceding, and is generally distributed throughout the county.

Devon, Hants, Somerset, Wilts, Normandy.

VALERIANELLA, *Tourn.***V. olitoria, *Mench.!* Common Lamb's-Lettuce.**

Lactuca agnina, *Ger. em.* *Fedia olitoria*, *Vahl.*

C. C. B. p. 205. Syme, E. B. iv. t. 669.

Hedge-banks and fields; native; uncommon. A. April—August.

A. Walls, Stoke Abbott.

C. Near the Ham Railway Station, Poole; Portland.

F. In a hedge at Blandford St. Mary, *Mr. J. W. Green*.

G. Hedge-banks, Creech.

Devon, Hants, Somerset, Wilts, Normandy.

V. *dentata*, Koch.! *Narrow-fruited Lamb's Lettuce*.

Lactuca agnina seu *Valerianella foliis serratis*. *Locusta altera foliis serratis*, J. B. P., Raii Syn.

Fedia dentata, Vahl. ? *Valeriana dentata*, Sm. E. B.

C. C. B. p. 206. Syme, E. B. iv. t. 672.

Corn-fields; colonist; frequent. A. June—September.

A. Gorwell; Eype.

B. Bradford Abbas, *Prof. Buckman*.

C. Lulworth; Portland.

E. Bishop's Caundle.

F. Eastbury; Chescombe.

G. Steeple; Bradle; Swanage.

Devon, Hants, Somerset, Wilts, Normandy.

DIPSACEÆ.

DIPSACUS, L.

D. *sylvestris*, L.! *Wild Teasel*.

D. sylvestris, aut *Virga pastoris major*, C. B. Pin., Raii Syn.

C. C. B. p. 206. Syme, E. B. t. 674.

Hedges and woods; native; common. B. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

D. *pilosus*, L. † *Small Teasel*.

D. sylvestris capitulo minore, &c. C. B. Pin.

C. C. B. p. 206. Syme, E. B. iv. t. 676. Pult. p. 69.

Moist hedges and banks; native; rare. B. July, August.

A. Hedges between Bridport and the Harbour; Parnham, *Rev.*

J. Jones, confirmed by *Mrs. Reid*, in 1871.

[F. In several places in the Vale of Blackmore, *Dr. Pulteney*.

G. Sparingly in Purbeck, *Dr. Pulteney*.]

Somerset, Wilts, Normandy.

SCABIOSA, L.

S. *succisa*, L.! *Devil's-bit Scabious*.

S. radice succisa flore globoso, J. B. P. *Morsus Diaboli*, *Ger. em.*, Raii Syn.

C. C. B. p. 207. Syme, E. B. iv. t. p. 677.

Damp woods, heaths and meadows; native; common. P.
August—November.

A. Hawkchurch; Witherstone Common.

B. Bradford Abbas, *Prof. Buckman*.

C. Moreton.

D. Bere Wood; Chamberlayne's.

E. Stourton Caundle.

F. Clenston and Houghton Woods; Verwood; Manaton, Holt.

G. Meadows, Barnston; Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

S. columbaria, L.! Small Scabious.

S. minor campestris, Park. S. minor sive Columbaria, Ger. em., Raii Syn.

C. C. B. p. 207. Syme, E. B. iv. t. 678.

Fields and banks; native; common on the chalk and limestone districts. P. June—November.

A. Swyre; Abbotsbury.

B. Bradford Abbas, *Prof. Buckman*.

C. West Lulworth; Wool; Portland.

F. Longthorns.

G. East Bradle.

Devon, Hants, Somerset, Wilts, Normandy.

KNAUTIA, *Coult.*

K. arvensis, Coult.! Field Scabious.

Scabiosa major communior folio laciniato, J. B. P. S. major vulgaris, Ger. em., Raii Syn.

Scabiosa arvensis, L.

C. C. B. p. 207. Syme, E. B. iv. t. 679.

Hedge-banks and fields; native; common. P. July—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

COMPOSITÆ.

TRAGOPOGON, *L.*

T. pratensis, L.! Yellow Goat's-beard.

T. luteum, Ger. em. T. pratense luteum majus, C. B. Pin., Raii Syn.

C. C. B. p. 207. Syme, E. B. v. t. 800. Pult. p. 91.

Meadows, pastures and waste places; native; frequent.

B. June, July.

A Field adjoining Ashley Wood; quarries, Bothenhampton.

- B. Bradford Abbas, *Prof. Buckman*.
- C. Smallmouth sand-banks; Portland.
- E. Iwerne; Glanville's Wootton.
- F. Longthorns; Durweston meadows.
- G. Kimeridge; Hyde Wood, Steeple; Langton Matravers.
- Devon, Hants, Somerset, Wilts, Normandy.

***T. porrifolius, L.!** *Salsify.*

T. purpureo-cæruleum Porrifolio quod Artifi vulgo, C. B.

Pin. T. purpureum, Ger. em., Raii Syn.

C. C. B. p. 524. Syme, E. B. v. t. 801.

Meadows and banks; denizen; rare. B. June.

C. Woodsford poor-land, *Mrs. M. Frampton*.

D. Hedge-bank, Rye Hill, Bere Regis.

Isle of Wight, Normandy.

HELMINTHIA, Juss.

H. echioides, Gaertn.! *Bristly Ox-tongue.*

Hieracium echioides capitulis Cardui benedicti, C. B. Pin.

Buglossum luteum, Ger. em., Raii Syn. Picris echioides, L.

C. C. B. p. 208. Syme, E. B. v. t. 797. Pult. p. 91.

Fields and waste places; native; frequent. B. July—October.

A. Poorstock; Lyme Regis.

B. Bradford Abbas, *Prof. Buckman*.

C. Lodmoor; Chickereel; Portland; Abbotsbury.

E. Mappowder; Buckland Newton.

G. Cliffs, Kimeridge; Grange Wood; Langton Matravers; Tyneham Wood; Gadcliff.

Devon, Hants, Somerset, Wilts, Normandy.

PICRIS, L.

P. hieracioides, L.! *Hawkweed Ox-tongue.*

Cichorium pratense luteum asperum, Park. Hieracium, asperum, Ger. em., Raii Syn.

C. C. B. p. 208. Syme, E. B. v. t. 796. Pult. p. 91.

Borders of fields and waste places; native; not common.

B. or P. July—October.

A. Lyme Regis; Hook Park; Witherstone.

C. Abbotsbury; Portland.

D. Corn-fields south of Bere Regis.

E. Lane between Durweston and Traveller's Rest.

F. Corn-fields, Sturminster Marshall.

G. Grange Hill.

Devon, Hants, Somerset, Wilts, Normandy.

LEONTODON, *L.***L. hirtus, *L.*!** *Hairy Hawk-bit.**Hieracium pumilum sax. asp. præmorsa radice, C. B. Pin.**Thrinicia hirta, Roth., Hedypnois hirtum. Sm. Eng.**Bot. Leontodon hirtus, L.*

C. C. B. p. 208. Syme, E. B. v. t. 792.

Heaths, commons and fields; native; common. P. or B.

June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

L. hispidus, *L.*! *Rough Hawk-bit.**Hieracium dentis leonis folio hirsutum, Ger. em., Raii Syn.**Apargia hispida, Willd.*

C. C. B. p. 208. Syme, E. B. v. t. 793.

Meadows and pastures; native; common. P. May—

November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

L. autumnalis, *L.*! *Autumnal Hawk-bit.**Hieracium minus præmorsa radice, Park. Hedypnois autumnalis, Huds. Fl. Ang.*

C. C. B. p. 209. Syme, E. B. v. t. 794.

Meadows, heaths and waste ground; native; common. P.

June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

HYPOCHÆRIS, *L.***H. glabra, *L.*!** *Smooth Cat's-ear.*

C. C. B. p. 209. Syme, E. B. v. t. 789.

Dry fields; native; rare. A. June—August.

C. Sandy places, Moreton, *Mrs. M. Frampton.*

G. Sand-banks, Studland.

Devon, Hants, Somerset, Normandy.

H. radicata, *L.*! *Long-rooted Cat's-ear.**Hieracium longius radicatum, Ger. em., Raii Syn.*

C. C. B. p. 209. Syme, E. B. v. t. 790.

Meadows and waste places; native; common. P. or B. ?

May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

LACTUCA, L.**L. virosa, L.!** *Strong-scented Lettuce.*

L. agrestis odore Opü, Lob. *L. sylvestris* odore viroso,
C. B. Pin.

C. C. B. p. 210. Syme, E. B. v. t. 805. Pult. p. 91.

Hedge-banks; rocks; native; rare. B. July, August.

A. Hedges, Vale of Marshwood, *Rev. E. Fox*.

C. Bincombe, *Mrs. Mary Frampton*; rocks, Portland.

G. Rocks, Gadcliff.

Isle of Wight, Normandy.

[L. saligna, L.! *Least Lettuce.*

Chondrilla viscosa humilis, C. B. Pin., *Ger. em.*

L. sylvestris minima, *Raii Syn.*

C. C. B. p. 210. Syme, E. B. v. t. 807. Pult. p. 91.

Salter's List. With. p. 832. Sm. Eng. Fl. p. 347.

Waste ground; native?; rare. A. or B. July, August.

C. Near Cerne and Evershot, *Dr. Pulteney*.

G. Corfe Castle, *Dr. Salter*.

Normandy.]

L. muralis, Fresen.! *Ivy-leaved Lettuce.*

Sonchus lœvis muralis, *Ger. em.* *Prenanthes muralis*, L.

C. C. B. p. 210. Syme, E. B. v. t. 808. Pult. p. 91.

Walls, hedge-banks and woods; native; frequent. A. or

B. June—October.

F. Milton Abbey park wall; Spettisbury.

G. Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

SONCHUS, L.**[S. palustris, L.** *Tall Marsh Sow-thistle.*

S. tricubitalis folio cuspidato, *Raii Syn.*

C. C. B. p. 211. Syme, E. B. v. t. 814. Pult. p. 91.

River-sides; native; very rare. P. July, August.

Not confirmed since Pulteney's time.

In some places by the banks of the Stour; by ditches and
rills on the coast, *Dr. Pulteney*.]

Normandy.

S. arvensis, L.! *Corn Sow-thistle.*

S. arborescens, *Ger. em.* *Hieracium majus folio Sonchi*,

C. B. Pin., *Raii Syn.*

C. C. B. p. 211. Syme, E. B. v. t. 813.

Cultivated fields; native; common. P. July—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. asper, Hoffm.! *Rough Sow-thistle.*

S. asper laciniatus, Ger. em.

C. C. B. p. 211. Syme, E. B. v. tt. 811, 812.

Cultivated and waste ground; native; common. A. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. oleraceus, L.! *Smooth Sow-thistle.*

S. levis, Raii Syn, Ger. em.

C. C. B. p. 211. Syme, E. B. v. t. 810.

Fields and waste places; native; common. A. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CREPIS, L.

C. virens, L.! *Smooth Hawk's-beard.*

C. tectorum, Sm. Eng. Bot. Hedypnois tectorum, Huds. Eng. Fl.

C. C. B. p. 212. Syme, E. B. v. t. 818.

Banks, road-sides and fields; native; common. A. or B. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

[C. biennis, L. Large Rough Hawk's-beard.

Hieracium maximum chondrillo folio asperum, C. B. Pin.

C. C. B. p. 212. Syme, E. B. v. t. 819. Salter's List.

Chalky pastures; native; rare. B. June, July.

No locality is specified by Dr. Salter, but marked in his list as frequent and common within eight miles of Poole; perhaps mistaken by him for the large form of *Crepis virens*, so common in our meadows.]

Normandy.

HIERACIUM, L.

H. Pilosella, L.! *Mouse-ear Hawkweed.*

Pilosella minima, Park. Pilosella repens, Ger. em.

C. C. B. p. 213. Syme, E. B. v. t. 822.

Heaths, banks and pastures; native; common. P. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

[H. murorum, L. Wall Hawkweed.*H. Pulmonaria Gallica, sive aurea latifolia, Ger. em.*

C. C. B. p. 214. Syme, E. B. v. t. 846. Pult. p. 91.

Walls and dry places; native; rare. P. May—August.

Not confirmed since *Dr. Pulteney's* time.F. Old walls, Shaftesbury, *Dr. Pulteney*.G. Cliffs in Purbeck, *Dr. Pulteney*.]**H. sylvaticum, Sm.! Wood Hawkweed.***H. vulgatum. Fries. H. murorum, L.*

C. C. B. p. 214. Syme, E. B. v. t. 850.

Banks and copses; native; not common. P. July—September.

E. Piddle Wood, Sturminster Newton.

F. Houghton Wood.

G. Grange Wood; North Hill, Steeple.

Devon, Hants, Somerset, Wilts, Normandy.

H. tridentatum, Fries.! Three-toothed Hawkweed.

C. C. B. p. 216. Syme, E. B. v. t. 852.

Hedge-banks and copses; native; rare. P. July, August.

D. Banks, Bestwall near Wareham.

F. Clenston Wood; Houghton Wood.

Isle of Wight, Normandy.

H. umbellatum, L.! Narrow-leaved Hawkweed.*H. intybaceum, Ger. em. H. fruticosum angustifolium majus, C. B. Pin., Raii Syn.*

C. C. B. p. 217. Syme, E. B. v. t. 853. Pult. p. 91. Salter's List.

Thickets and dry banks; native; not common. P. August, September.

A. Road-side, Mapperton and Netherbury, *Rev. E. Fox*.C. Road-side, Longham, *Dr. Salter*.

D. Chamberlayne's.

E. Waste ground between Bulbarrow and Woolland.

F. Banks near Merley; Houghton Wood.

G. Luckford Wood; Bradle Down; banks near Creech clay-pits; Studland Heath.

Devon, Hants, Somerset, Wilts, Normandy.

H. boreale, Fries.! Broad-leaved Hawkweed.*H. fruticosum latifolium hirsutum, Raii Syn., Park. H. subaudum, L.*

C. C. B. p. 217. Syme, E. B. v. t. 854. Pult. 91. Salter's list.

Hedge-banks and margins of woods; native; rare. P. August, September.

- C. Road-side, Longham, *Dr. Salter*. Wool.
 F. Broadley Wood; Ashley Wood; Houghton Wood, *Dr. Pulteney*.
 G. Grange Wood.
 Devon, Hants, Somerset, Wilts, Normandy.

TARAXACUM, *Juss.*

T. officinale, *Wigg.!* *Common Dandelion.*
Dens Leonis, *Ger. em.*

var. a. Dens Leonis, *Desf.!*

C. C. B. p. 218. Syme, E. B. v. t. 802.
 Meadows and waste places; native; common. P. February—November.
 Generally distributed.

var. b. erythrospermum, *Andrz.!*

C. C. B. p. 529. Syme, E. B. v. t. 803. Reich. Icon. xix. t. 1404.
 Downs, light soils and walls. P. May—September.
 C. Sand-banks near the Ferry, Wyke Regis.
 F. Deverill Down; Pimperne Down.

var. c. lævigatum, *D C.!*

C. C. B. p. 529. Syme, E. B. v. p. 143. Reich. Icon. xix. t. 1405.
 Damp woods. P. May—July.
 F. Longthorns; Westerns Wood, Whatcombe.

var. d. palustre, *D C.!*

C. C. B. p. 218. Syme, E. B. t. 804. Reich. Icon. xix. t. 406.
 Damp meadows. P. April—June.
 D. Meadows, Chamberlayne's.
 F. Banks of Stour, Blandford.

ARNOSERIS, *Gaertn.*

A. pusilla, *Gaertn.!* *Swine's Succory.*

Hyoseris mascula, *Ger. em.* *Hieracium minus folio subrotundo*, *C. B. Pin.*
Hyoseris minima, *L.*
 C. C. B. p. 218. Syme, E. B. v. t. 788. Pult. p. 91.
 Bot. Guide. p. 229.
 Dry sandy fields; colonist; rare. A. June—September.

[F. Damory and Langton corn-fields; Spettisbury-field, *Dr. Pulteney*.]

G. Corn-field between Mr. Pike's wharf and Redcliff, Wareham. Normandy.

LAPSANA, L.

L. communis, L.! *Common Nipple-wort.*

Lampsana, Ger. em.

C. C. B. p. 218. Syme, E. B. v. t. 787.

Hedge-banks, way-sides and woods; native; common. A.
June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CICHORIUM, L.

C. Intybus, L.! *Wild Succory.*

Cichoreum sylvestre, Ger. em., Park.

C. C. B. p. 219. Syme, E. B. v. t. 786. Pult. p. 91.

Road-sides, corn-fields and waste ground; native; frequent.

P. June—October.

A. Bradford Abbas, *Prof. Buckman.*

C. Portland West cliff, *Rev. H. E. Fox*; West Lulworth;
Wyke Regis.

D. Road-sides, Bere Regis; Shitterton.

E. Hinton St. Mary.

F. Litchet Matravers; railway-banks, Spettisbury; Milborne
St. Andrew.

G. Steeple; road-side between Puddle Mill and Church Knowle;
Worth Matravers; Arne.

Devon, Hants, Somerset, Wilts, Normandy.

ARCTIUM, L.

A. majus, Schk.! *Greater Burdock.*

Bardana major, Ger. em.

C. C. B. p. 219. Syme, E. B. v. t. 699.

Waste places; native; common. B. July—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

SERRATULA, L.

S. tinctoria, L.! *Common Saw-wort.*

Serratula, C. B. Pin. S. purpurea, Ger. em.

C. C. B. p. 220. Syme, E. B. v. t. 704.

Woods and heaths; native; frequent. P. August—
November.

- A. Longbredy; Eggardon Hill; Symondsburry; Eype Cliffs,
Rev. E. Fox; Witherstone Wood.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Meadows, Portland, by Fortune's Well, *Rev. H. E. Fox*;
hedges near Weymouth, on the Chickerel road; Radipole.
- D. Bere Wood; Wool; Morden.
- E. Piddle Wood, Sturminster.
- F. Milborne Wood.
- G. Grange; Tyneham Wood; chalk range between Arish
Mill and West Lulworth; Cocknowle.
Devon, Hants, Somerset, Wilts, Normandy.

CARDUUS, L.

- C. nutans, L.! Musk Thistle.**
C. C. B. p. 220. Syme, E. B. v. t. 683. Pult. p. 92.
Fields and waste places; native; common. B. May—
November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- C. crispus, L.! Watted Thistle.**
C. acanthoides, Sm. Eng. Bot.
C. C. B. p. 220. Syme, E. B. v. t. 684. Pult. p. 92.
Hedge-banks, woods and road-sides; native; common.
A. or B. May—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- C. tenuiflorus, Curt.! Slender-flowered Thistle.**
C. spinosissimus capitulis minoribus, Raii Syn.
C. C. B. p. 220. Syme, E. B. v. t. 682. Pult. p. 92.
Waste places, especially near the sea; native; frequent;
A. or B. June—October.
A. Bridport Harbour; Cliffs, Burton Bradstock; Eype.
B. Bradford Abbas. *Prof. Buckman*.
C. Weymouth; Lodmoor; hedges on the shores of Poole
Harbour; Holworth; Portland; Sutton Pointz.
G. Kimeridge Cliffs; Cocknowle; Flower's Barrow.
Devon, Hants, Somerset, Normandy.
- *C. Marianus, L.! Milk Thistle.**
Carduus Mariae, Ger. em. C. albis maculis notatus vulgaris,
C. B. Pin.
C. C. B. p. 531. Syme, E. B. v. t. 681. Pult. p. 92.
Phyt. 1, p. 735.
Waste ground; alien; rare. B. July—September.

- B. Bradford Abbas, *Prof. Buckman*.
 C. Poole, *Dr. Pulteney*; Portland, *Mr. G. S. Gibson*; Winterborne Abbas.
 E. Glanville's Wootton, *Mr. J. C. Dale*.
 F. Leigh Common, Wimborne.
 G. Cliffs, Kimeridge; Church Knowle.
 Hants, Wilts, Normandy.
- C. lanceolatus, L.!** *Spear Thistle*.
 C. C. B. p. 221. Syme, E. B. v. t. 686.
 Fields and waste places; native; common. A. or B.
 July—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. eriophorus, L.!** *Woolly-headed Thistle*.
C. tomentosus corona fratrum dictus, Raii Syn., Park.
 C. C. B. p. 221. Syme, E. B. v. t. 687. Pult. p. 92.
 Waste grounds; native; rare. B. June—September.
 A. Waste land under Eggardon Hill, *Rev. E. Fox*; Lyme Regis; sides of road between Abbotsbury and Punc-knoll. Ashley.
 B. Bradford Abbas, *Prof. Buckman*.
 G. Cliffs, Kimeridge; waste land above Dancing Ledge, Langton Matravers.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. palustris, L.!** *Marsh Thistle*.
 C. C. B. p. 221. Syme, E. B. v. t. 688.
 Wet meadows and ditches; native; common. A. or B.
 July—September.
 Generally distributed
 Devon, Hants, Somerset, Wilts, Normandy.
- C. arvensis, Curt.!** *Creeping-plume Thistle*.
C. ceanothos sive viarum et vinearum repens, Park.
C. vulgarissimus viarum, Ger. em., Raii Syn.
 C. C. B. p. 221. Syme, E. B. v. t. 693.
 Fields, gardens and waste ground; native; common. P.
 July—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. pratensis, Huds.!** *Meadow Thistle*.
Cirsium anglicum, Lam.
 C. C. B. p. 221. Syme, E. B. v. t. 690. Pult. p. 92.
 Moist heaths and meadows; native; frequent. P. June—August.

- A. Monckton Wylde, *Rev. L. Lester*; Poorstock, *Rev. E. Fox*.
- D. Morden Park; meadows, Chamberlayne's.
- F. Manaton Wood; Litchet Minster.
- G. Meadows and marshy fields, Studland; Creech; Wareham Heath.
- Devon, Hants, Somerset, Wilts, Normandy.

C. acaulis, L.! *Dwarf Thistle.*

Carlina acaulis minor flora purpurea, Ger. em.

C. C. B. p. 222. Syme, E. B. v. t. 692. Pult. p. 92.

Dry fields and downs; native; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ONOPORDUM, L.

O. Acanthium, L.! *Common Cotton Thistle.*

Acantha leuke, Turner. Carduus tomentosus, Acanthium dictus vulgaris, Raii Syn.

C. C. B. p. 222. Syme, E. B. v. t. 680. Pult. p. 92.

Waste places; alien or denizen; rare. B. August—September.

- A. Hills, Little Bredy, *Rev. E. A. Eaton*; Burton Bradstock; Eggardon, *Rev. E. Fox*.
- C. Poole, *Dr. Pulteney*.
- D. Hedges between Keysworth Farm and the Wareham Railway Station.
- G. Punfield Cliffs.
- Devon, Isle of Wight, Somerset, Hants, Normandy.

CARLINA, L.

C. vulgaris, L.! *Carbine Thistle.*

C. sylvestris major, Ger. em.

C. C. B. p. 223. Syme, E. B. v. t. 698.

Dry fields, downs and cliffs; native; common. B. July—November.

- A. Bexington; Lyme Regis.
- C. Kingcombe; quarries, Portland.
- D. Dry fields near the third mile-stone on the Wareham and Bere turnpike.
- F. Deverill Down; Camp Down, Pimperne.
- G. St. Alban's Head.
- Devon, Hants, Somerset, Wilts, Normandy.

CENTAUREA, L.

C. nigra, L.! *Black-Knapweed.*

Jacea nigra, Ger. em.

C. C. B. p. 223. Syme, E. B. v. t. 706.

Fields, road-sides and waste ground; native; rare b. common. P. August—October.

F. Houghton Wood; hedges, Milborne St. Andrew and Milborne Wood.

b. decipiens, Bab. *Var. radiata*.

Of the two forms the radiated variety of b. is by far the most common in Dorsetshire, and is very generally distributed. Devon, Hants, Somerset, Wilts, Normandy.

C. Cyanus, L. ! *Blue-Bottle*.

Cyanus vulgaris, Ger. em.

C. C. B. p. 223. Syme, E. B. v. t. 709.

Corn-fields and waste ground; colonist; not common. A. or B. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

C. Scabiosa, L. ! *Greater-Knapweed*.

Jacea major, Ger. em.

C. C. B. p. 223. Syme, E. B. v. t. 708.

Road-sides, waste places and corn-fields; native; common.

P. July—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

***C. Calcitrapa**, L. ! *Star-Thistle*.

Carduus stellatus sive Calcitrapa, J. B. P.

Carduus stellatus, Raii Syn., Ger. em.

C. C. B. p. 224. Syme, E. B. v. t. 711. Bab. Man. p. 199.

Waste places and road-sides; colonist?; rare. A. or B. June—September.

B. Bradford Abbas, occasionally on the arable, introduced with seeds, Prof. Buckman.

Devon, Hants, Somerset, Normandy.

***C. solstitialis**, L. † *St. Barnaby's Thistle*.

Carduus stellatus luteus foliis Cyani. C. B. Pin., Raii Syn.

C. C. B. p. 532. Syme, E. B. v. t. 712.

Dorsetshire List of Plants communicated by Mr. Ray, in Bishop Gibson's edition of Camden's Britannica.

Cultivated fields and hedges; alien; very rare. July—September.

"*Carduus stellatus*, &c. It is found by the hedges here

(Dorsetshire) usually, and by Cirencester in Gloucestershire;” *Mr. Ray*.

- C. Portland, several plants in a lucerne field above the West Cliffs, *Rev. H. E. Fox*; Weymouth Backwater, *Mrs. M. Frampton*.

Normandy.

BIDENS, *L.*

B. cernua, *L.*! *Nodding Bur-Marigold.*

Fœmina cannabina septentrionalium stellato et odore flore,

Lob. Cannabina aquatica folio non diviso, C. B. Pin.

C. C. B. p. 224. Syme, E. B. v. t. 763. Pult. p. 92.

Watery places; native; frequent. A. August—October.

- A. Pond, Gorwell.

C. Heffleton, *Mr. H. P. B. Norris*.

- D. Morden; Roke Meadows, Bere Regis; Sherford Bridge; Burleston.

E. Holwell.

F. Charlton; Nutford; Blandford St. Mary, *Mr. J. W. Green*; Corfe Mullen.

- G. Stoborough meadows.

Devon, Hants, Somerset, Wilts, Normandy.

B. tripartita, *L.*! *Tripartite Bur-Marigold.*

Cannabina aquatica folio tripartito diviso, C. B. Pin.

C. C. B. p. 224. Syme, E. B. v. t. 764. Pult. p. 92.

Watery places; native; not common. A. August—October.

- F. Meadows, Sturminster Marshall; Durweston.

- G. Stoborough meadows.

Devon, Hants, Somerset, Wilts, Normandy.

EUPATORIUM, *L.*

E. cannabinum, *L.*! *Hemp Agrimony.*

Eupatorium cannabinum mas., Ger. em., Raii Syn.

C. C. B. p. 224. Syme, E. B. v. t. 785. Pult. p. 92.

Sides of streams, woods and hedges; native; common. P. July—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

DIOTIS, *Desf.*

[D. maritima, *Coss.* *Sea-side Cotton-weed.*

Gnaphalium maritimum, C. B. Pin. Santolina maritima,

Huds. Bot. Guide, p. 230. Sm. Eng. Fl. iii. p. 405.

C. C. B. p. 225. Syme, E. B. v. t. 725. Huds. Fl. Ang. p. 357.

Rocky cliffs on the sea-coast; native; rare. P. August, September.

A. Burton, near Bridport, *Rev. J. Lightfoot*.

C. Sea, near Poole, *Dr. Hudson*.
Normandy.]

ARTEMISIA, L.

*A. *Absinthium*, L.! *Common Wormwood*.

Absinthium vulgare, Ger. em.

C. C. B. p. 226. Syme, E. B. v. t. 731.

Waste places; denizen; rare. P. July, August.

C. Portland, East Undercliff.

G. Little Kimeridge; Eastington fields, Worth Matravers.
Hants, Wilts, Normandy.

A. *vulgaris*, L.! *Mug-wort*.

A. vulg. major, C. B. Pin.

C. C. B. p. 226. Syme, E. B. v. t. 732.

Hedge-banks; native; common. P. July—October.

B. Bradford Abbas, *Prof. Buckman*.

C. Hedges, Poole Harbour.

D. Bestwall near Wareham; Bere Regis; Turner's Piddle.

E. Hazelbury Bryan.

F. Milborne St. Andrew; Corfe Mullen.

G. Worth Matravers; Arne; Wych.

Devon, Hants, Somerset, Wilts, Normandy.

GNAPHALIUM, L.

G. *sylvaticum*, L.! *Upright Cudweed*.

G. anglicum folio longiore, Lob. *G. anglicum*, Ger. em.

C. C. B. p. 226. Syme, E. B. v. t. 740. Pult. p. 93.

Woods; native; rare. August—October.

F. Broadley Wood; Clenston Wood.

Devon, Wilts, Normandy.

G. *uliginosum*, L.! *Marsh Cudweed*.

G. longifol. humile ramosum capitulis nigris, Raii Syn.

C. C. B. p. 227. Syme, E. B. v. t. 741. Pult. p. 92.

Damp places; native; common. A. July, August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

FILAGO, Tournef.

F. *minima*, Fr.! *Slender Cudweed*.

Gnaphalium minimum, Raii Syn.

C. C. B. p. 227. Syme, E. B. v. t. 739.
Sandy fields and heaths; native; common on the tertiaries.
A. May—September.

D. Sandy places, Bere Wood; Sherford Bridge; Chamberlayne's.

F. Litchet Matravers.

G. Nordon clay-pits; Studland sand-banks.
Devon, Hants, Wilts, Normandy.

F. germanica, L.! *Common Cudweed.*

Gnaphalium vulgare majus, C. B. Pin. Filago seu Herba impia, Ger. em.

C. C. B. p. 228. Syme, E. B. v. t. 736.

Corn-fields, road-sides and waste places; native; common.
A. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

F. spathulata, Presl.! *Spathulate Cudweed.*

Filago Jussiei, Cosson et Germain.

C. C. B. p. 228. Syme, E. B. v. p. 69, t. 738. Phyt. iii.
p. 263.

Sandy fields and waste places; native; rare. A. June—
September.

This plant was observed by the late Mr. Woods at Studland
in the year 1848, when it was as yet unknown as a
British plant.

G. Studland, Mr. J. Woods; corn-fields on the hills above
Swanage, Mr. W. Borrer; corn-fields, Godlingston.

PETASITES, Gaertn.

P. vulgaris, Desf.! *Common Butter-bur.*

Petasites, Ger. em. Tussilago Petasites, L.

C. C. B. p. 228. Syme, E. B. v. tt. 783, 784.

Wet places, sides of streams and ditches; native; common.
P. March, April.

A. Damp Copses near Little Bredy, Rev. A. E. Eaton.

B. Bradford Abbas, Prof. Buckman.

C. Sydling St. Nicholas.

D. Banks of river, Chamberlayne's; wet ground at Bere
Regis; Mill.

F. Gain's Cross Copse; banks of the Allen, Crichel; Milborne
St. Andrew; Stickland.

Devon, Hants, Somerset, Wilts, Normandy.

***P. fragrans, Presl.!** *Sweet-scented Coltsfoot.*

Tussilago alba, L.

C. C. B. p. 533. Syme, E. B. v. t. 781.

Hedge-banks and shady places; alien; rare. P. January—March.

- A. Netherbury, *Rev. E. Fox*; Litton Cheney, *Rev. A. E. Eaton*.
- C. Chickerel, *Miss Payne*.
- G. Cultivated ground, Kimeridge.

TUSSILAGO, L.

T. Farfara, L.! *Common Coltsfoot.*

Tussilago, Ger. em.

C. C. B. p. 229. Syme, E. B. v. t. 780.

Damp soils; native; common. P. February—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ERIGERON, L.

E. acris, L.! *Blue Fleabane.*

Conyza cœrulea acris, Ger. em.

C. C. B. p. 229. Syme, E. B. v. t. 774. Pult. p. 93.

Sandy places; native; rare. B. July—August.

C. Portland Quarries.

D. Sandy field near the third mile-stone on the Wareham and Bere turnpike.

F. Woods near Badbury Rings, *Dr. Pulteney*; Sandy ground, Litchet Matravers.

G. Road-side, Langton Matravers; clay-pits, Nordon; Corfe Castle; Down above Dancing Ledge.

Hants, Somerset, Wilts, Normandy.

ASTER, L.

A. Tripolium, L.! *Sea-side Aster.*

Aster maritimus cœruleus Tripolium dictus, Raii Syn.

C. C. B. p. 229. Syme, E. B. v. t. 776. Pult. p. 93.

Salt-marshes; native; frequent. P. July—October.

C. Portland, Chesil-Bank, sparingly, *Rev. H. E. Fox*; Lodmoor, Weymouth; Swannery, Abbotsbury.

D. Poole, Longham.

G. Salt-marshes near Wareham; Wych; Winspit Quarries.

Devon, Hants, Somerset, Normandy.

SOLIDAGO, L.

S. Virgaurea, L.! *Common Golden-rod.*

Virga-aurea, Ger. em.

C. C. B. p. 230. Syme, E. B. v. tt. 778, 779.

Woods and heaths; native; frequent. P. July—September.

- A. Eype Down, *Rev. E. Fox*; Hawkchurch; Hook Park.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Stinsford, *Mrs. M. Frampton*; Portland, *Mr. G. S. Gibson*; Wool.
- D. Chamberlayne's Heath; Decoy, Morden; Piddlehinton.
- F. Clenston Wood; Corfe Mullen.
- G. Grange and Wareham Heaths; Kimeridge Hill. Devon, Hants, Somerset, Wilts, Normandy.

SENECIO, L.

S. vulgaris, L.! *Common Groundsel.*

Erigeron, *Ger. em.*

C. C. B. p. 230. Syme, E. B. v. t. 749.

Gardens and cultivated ground; native; common. A. January—December.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. sylvaticus, L.! *Mountain Groundsel.*

S. minor latiore folio sive montana, *Dillen. in Raii Syn.*

C. C. B. p. 230. Syme, E. B. v. t. 750.

Heaths and hedge-banks; native; frequent. A. May—October.

- A. Askerswell; Golden Cap near Lyme Regis.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Lodmoor; hedges, Radipole.
- D. Banks, Chamberlayne's; Morden.
- G. Studland Heath; Grange Heath; Kimeridge Cliffs; St. Alban's Head. Devon, Hants, Somerset, Wilts, Normandy.

S. erucifolius, L.! *Hoary Ragwort.*

Jacobæa Senecionis folio incano perennis, *Raii Syn.* *S. tenuifolius*, *Jacq.*

C. C. B. p. 231. Syme, E. B. v. t. 754.

Road-sides and dry fields; native; frequent. P. June—November.

- A. Cliffs, Lyme Regis; Charmouth.
- C. Lodmoor; Portland.
- D. Sandy field near the third mile-stone on the Wareham and Bere turnpike.
- E. Folke; road-side above Honeycombe.
- F. La Lee, Whatcombe; Stanbridge.

G. Swanage; walls, Langton Matravers; Tyneham Wood;
Winspit; Seacombe; Encombe Hill; Studland.
Devon, Hants, Somerset, Wilts, Normandy.

S. Jacobæa, L.! Common Ragwort.

Jacobæa vulgaris laciniata, C. B. Pin., Raii Syn.

C. C. B. p. 231. Syme, E. B. v. t. 755.

Road-sides and waste places; native; common. P. June—
November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. aquaticus, Huds.! Marsh Ragwort.

Jacobæa latifolia palustris sive aquatica, Raii Syn.

C. C. B. p. 231. Syme, E. B. v. t. 756.

Sides of roads, wet places and meadows; native; common.

P. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CINERARIA, L.

C. campestris, Retz.! Field Fleawort.

Jacobæa Pannonica folio non laciniato, Raii Syn. C.
integrifolia, With. C. Alpina, b. L.

C. C. B. p. 232. Syme, E. B. v. t. 760. Pult. p. 93.

Sm. Eng. Fl. p. 435.

Banks and chalk downs; native; rare. B. or P.? May,
June.

C. Lulworth Cove, Mr. J. C. Dale.

F. Spettisbury Camp-Down, Dr. Pulteney; Deverill Down;
Hod Hill; Badbury Rings; Ashmore Down.

Hants, Wilts, Normandy.

INULA, L.

I. Helenium, L.! Elecampane.

Helenium, Ger. em.

C. C. B. p. 232. Syme, E. B. v. t. 766. Pult. p. 93.

Hedge-banks and copses; native? rare. P. July—
September.

A. Charmouth; near Cunnington, Poorstock, Rev. E. Fox;
Merehay, Nettlecombe, Bridport, Mrs. Reid; Abbotsbury,
Prof. Henslow; Copse, Gorwell.

B. East Chelborough, Rev. E. Bower.

C. East Lulworth.

D. Bingham's Melcombe, Rev. C. W. Bingham.

- E. Glanville's Wootton, *J. C. Dale*; hedges, Hazelbury Bryan; Folke; road-side between Sturminster Newton and Fifehide Neville.
- G. Road-side, Langton Matravers; lane, West Orchard. Devon, Hants, Somerset, Wilts, Normandy.
- I. Conyza, D. C.!** *Ploughman's Spikenard.*
Baccharis Monspeliensis, *Ger. em.*, *Conyza squarrosa*, *L.*
 C. C. B. p. 233. Syme, E. B. v. t. 767. Pult. p. 93.
 Copses, dry places, and rocks; native; not common. B.
 July—September.
- A. Lodders; Lyme Regis; Bridehead Wood; Charmouth.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Rocks, Portland.
 D. Sandy heath, third mile-stone on the Wareham and Bere turnpike.
 E. Copse under Hod Hill; lane between Durweston and Traveller's Rest.
 F. High Hall Wood; Whatecombe Plantation; Glenston Wood.
 G. Gadcliff; ruins, Corfe Castle; Winspit; Encombe. Devon, Hants, Somerset, Wilts, Normandy.
- I. crithmoides, L.!** *Golden Samphire.*
Aster maritimus flavus, *Crithmum chrysanthemum dictus*, *Raii Syn.*
 C. C. B. p. 233. Syme, E. B. v. t. 769. Pult. p. 94. Sm.
 Eng. Fl. iii. p. 443. Bot. Guide, p. 230.
 Maritime marshes and rocks; native; rare. P. July—Sept.
- C. Portland, *Dr. Pulteney*; rocks at the Bill below the light-house, also near Chesil Bank, *Dr. Maton*; Lulworth Cove.
 G. Rocks, Gadcliff; Kimeridge Bay; St. Alban's Head. Devon, Hants, Somerset, Normandy.
- I. dysenterica, L.!** *Greater Fleabane.*
Conyza media, *Ger. em.*
 C. C. B. p. 233. Syme, E. B. v. t. 770.
 Ditches and road-sides; native; common. P. July—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- I. Pulicaria, L.!** *Lesser Fleabane.*
Conyza minor, *Raii Syn.* *Pulicaria vulgaris*, *Gaertn.*
Inula cylindrica, *With.*
 C. C. B. p. 233. Syme, E. B. v. t. 771. Pult. p. 94.
 Moist sandy places; native; rare. A. August, September.
- F. Waste ground, West Parley. Hants, Normandy.

BELLIS, L.**B. perennis, L.! Common Daisy.***Bellis sylvestris minor*, C. B. Pin.

C. C. B. p. 234. Syme, E. B. v. t. 772.

Fields and waste places; native; common. P. March—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CHRYSANTHEMUM, L.**C. segetum, L.! Corn Marigold.**

C. C. B. p. 234. Syme, E. B. v. t. 713.

Cultivated ground; colonist; common especially on the tertiaries. A. June—October.

A. Burton Bradstock.

B. Bradford Abbas, *Prof. Buckman*.

C. Owre Moyne.

D. Chamberlayne's; Litchet Minster; Morden.

F. Field near the Stour, Spettisbury; corn-field near Houghton Wood; Cliff-field, La Lee, Whatcombe.

G. Corn-field, Kimeridge; Bradle; Studland; Arne.
Devon, Hants, Somerset, Wilts, Normandy.**C. Leucanthemum, L.! Great White Ox-Eye.***Bellis sylvestris major*, C. B. Pin.

C. C. B. p. 234. Syme, E. B. v. t. 714.

Pastures and waste places; native; common. P. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

C. Parthenium, Pers.! Common Feverfew.*Matricaria vulgo*, minus *Parthenium*, J. B. P., *Raii Syn.*

C. C. B. p. 234. Syme, E. B. v. t. 715. Pult. p. 94.

Hedge-banks and waste ground; denizen; frequent. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

C. Tanacetum, Syme.! Common Tansy.*Tanacetum vulgare luteum*, C. B. Pin., *Raii Syn.**Tanacetum vulgare*, L.

C. C. B. p. 235. Syme, E. B. v. t. 716. Pult. p. 92.

Sides of rivers and waste places; native; frequent. P. June—September.

- A. River between Bridport and the Harbour; Monckton Wyld.
- C. Meadows, Portisham, *Rev. A. E. Eaton*.
- D. Hedges, Turner's Piddle.
- E. Glanville's Wootton, *Mr. J. C. Dale*.
- F. River-banks, Durweston.
Devon, Hants, Somerset, Wilts, Normandy.
- C. inodorum, L.!** *Scentless Mayweed.*
Matricaria inodora, Huds. Pyrethrum inodorum, Sm. Eng. Fl.
C. C. B. p. 235. Syme, E. B. v. t. 717.
Fields and waste places; native; common. A. or B.
June—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- C. maritimum, Pers.!** *Sea Scentless Mayweed.*
Chamæmelum maritimum perenne humilius foliis brevibus crassis, obscure virentibus, Dillen. in Raii Syn. Matricaria maritima, L.
C. C. B. p. 235. Syme, E. B. v. t. 718.
- G. Cliffs, Kimeridge Bay.
- C. Chamomilla, E. Mey.!** *Wild Chamomile.*
Chamæmelum sive Anthemis vulgator, Lob. Matricaria Chamomilla, L.
Waste-ground, road-sides, and corn-fields; native; common.
A. June—October.
C. C. B. p. 235. Syme, E. B. v. t. 719.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

ANTHEMIS, L.

- A. nobilis, L.!** *Common Chamomile.*
Chamæmelum odoratissimum repens flore simplici, J. B. P., Raii Syn.
C. C. B. p. 236. Syme, E. B. v. t. 724. Pult. p. 94.
Heaths and waste ground; native; common on the tertiaryaries. P. June--October.
- A. Lyme Regis.
- C. Radipole; Lodmoor, Weymouth.
- D. Heathy ground, Morden; Chamberlayne's.
- E. Glanville's Wootton, *Mr. J. C. Dale*.
- F. Heath, Upton; Henbury.
- G. Road-side, Half-way House between Corfe Castle and Wareham; Corfe and Kingston Commons; Arne.
Devon, Hants, Somerset, Wilts, Normandy.

A. arvensis, L.! *Corn Chamomile.**Chamæmelum inodorum, Dillen. in Raii Syn.*

C. C. B. p. 236. Syme, E. B. v. t. 721.

Cultivated fields; colonist; rare. A. June—September.

B. Bradford Abbas, *Prof. Buckman.*

F. La Lee Farm, Whatcombe; Chescombe; Alderholt.

G. Corn-field between Seacombe and Winspit.

Devon, Hants, Somerset, Wilts, Normandy.

A. Cotula, L.! *Stinking Mayweed.**Chamæmelum fœtidum, Raii Syn.*

C. C. B. p. 236. Syme, E. B. v. t. 720.

Fields, waste places and road-sides; native; frequent. A. July—October.

B. Bradford Abbas, *Prof. Buckman.*

C. Fleet, Abbotsbury; Portland.

E. Corn-field, Folke.

F. Corn-fields, Reformatory School, Milborne St. Andrew; Canford.

G. Eggleston; Church Knowle.

Devon, Hants, Somerset, Wilts, Normandy.

ACHILLEA, L.**A. Ptarmica, L.!** *Sneeze-wort Yarrow.**Ptarmica, Ger em., P. vulgaris, Park.*

C. C. B. p. 236. Syme, E. B. v. t. 73). Pult. p. 94.

Meadows, bushy places and moist heaths; native; frequent.

P. July—September.

C. Heath, Wool.

D. Chamberlayne's; hedges, Bestwall.

E. Hedge-banks, Holwell.

F. Verwood; meadows near Manaton Wood, Holt.

G. Meadows, Grange.

Devon, Hants, Somerset, Wilts, Normandy.

A. Millefolium, L.! *Common Yarrow.**Millefolium vulgare album, C. B. Pin.*

C. C. B. p. 237. Syme, E. B. v. t. 727.

Meadows, waste ground and road-sides; native; common.

P. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

CAMPANULACEÆ.**CAMPANULA, L.****C. rotundifolia, L.!** *Hare-bell.**C. variifolia, Salisb.*

C. C. B. p. 237. Syme, E. B. vi. t. 870.
Heaths and dry banks; native; common. P. July—
October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

[C. *patula*, L. *Spreading Bell-flower*.

C. minor alba, *siv purpurea*, Ger. em.

C. C. B. p. 237. Syme, E. B. vi. t. 873. Pult. p. 72.
Bot. Guide, p. 218.

Copses and hedges; native; rare. P. or A. July, September.

F. In the woods above Corfe Mullen, and lanes near Merly,
Rev. Sir H. Parker. Pult. Not confirmed since.
Somerset, Wilts, Normandy.]

C. *Trachelium*, L. ! *Nettle-leaved Bell-flower*.

Trachelium majus, Ger. em.

C. C. B. p. 238. Syme, E. B. vi. t. 867. Pult. p. 72.

Woods and thickets; native; frequent. P. August—
November.

C. Lulworth, Mr. J. C. Dale.

D. Bere Wood; Bryant's Piddle.

F. Houghton Wood; copse under Hod Hill; hedges, Winter-
borne Kingston; Milborne Wood.

G. Grange Wood; Hyde Wood, Steeple; Tyneham Wood;
Cocknowle; Rempstone Wood.

Devon, Hants, Somerset, Wilts, Normandy.

C. *glomerata*, L. ! *Clustered Bell-flower*.

Trachelium minus, Ger. em.

C. C. B. p. 238. Syme, E. B. vi. t. 866.

Dry pastures, downs and hedge-banks; native; common.
P. July—October.

C. Chalk-range above West Lulworth.

D. Banks between the Bere turnpike and Bryant's Piddle.

E. On the chalk outliers below Bulbarrow; lane between Dur-
weston and Traveller's Rest.

F. Deverill Down; Ibberton Down; Houghton Wood.

Hants, Somerset, Wilts, Normandy.

C. *hederacea*, L. ! *Ivy-leaved Bell-flower*.

C. cymbalariae foliis, Raii Syn., Ger. em. *Wahlenbergia*
hederacea, Reich.

C. C. B. p. 239. Syme, E. B. vi. t. 875.

Hedge-banks; native; rare. P. August—October.

F. Turfy bank near the church at West Parley, *Rev. J. H.*
Austen; hedge-bank near Alderholt.

Devon, Hants, Somerset, Wilts, Normandy.

C. hybrida, L.! *Small-flowered Venus' Looking-glass.*

C. arvensis erecta, vel Speculum Veneris minus, Ger. em.,
Park. Specularia hybrida, D. C.

C. C. B. p. 239. Syme, E. B. vi. t. 874. Pult. p. 74.
 Corn-fields; colonist; frequent. A. June—September.

A. Loders, *Rev. J. Jones.*

B. Bradford Abbas, *Prof. Buckman.*

C. Corn-fields between Arish Mill and Lulworth; Portland.

D. Shitterton Farm.

F. Corn-fields, Bryanston Farm; Milborne St. Andrew; Badbury Rings; Eastbury.

G. Worth Matravers, *Mr. W. Borrer*; Swanage; Creech clay-pits; Bradle.

Devon, Hants, Somerset, Wilts, Normandy.

PHYTEUMA, L.**P. orbiculare, L.** *Round-headed Rampion.*

Rapunculus corniculatus montanus, Raii Syn., Ger. em.

C. C. B. p. 239. Syme, E. B. vi. t. 864.

Chalk downs; native; rare. P. July, August.

D. Tinkley Down, *Hon. Susan Pitt.*

Wilts, Normandy.

JASIONE, L.**J. montana, L.!** *Annual Sheep's-bit.*

Ranunculus scabiosæ capitulo cæruleo, C. B. Pin., Raii Syn.

C. C. B. p. 239. Syme, E. B. vi. p. 863. Pult. p. 72.

Heaths and dry fields; native; frequent. A. or B. June—October.

C. Moreton.

D. Banks and heaths, Chamberlayne's.

F. Ensbury Heath; Litchet Heath.

G. Kimeridge Hill; Studland Heath; Redcliff; Wareham.

Devon, Hants, Somerset, Wilts, Normandy.

ERICACEÆ.**ERICA, L.****E. Tetralix, L.!** *Cross-leaved Heath.*

E. major flore purpureo, Ger. em. (description only).

C. C. B. p. 240. Syme, E. B. vi. t. 889.

Heaths and downs; native; abundant on the Bagshot Series.

Shrub. June—September.

The following localities are within the Cretaceous districts:

C. Toller Down; Abbotsbury Weirs.

F. Whatcombe Common.

G. Grange Hill.

Devon, Hants, Somerset, Wilts, Normandy.

E. ciliaris, L.! *Fringed-leaved Heath.*

E. vulgaris hirsuta, Raii Syn.

C. C. B. p. 240. Syme, E. B. vi. t. 887.

Heath; native; very rare. Shrub. June—September.

G. Scotland Heath between Rempstone and Studland; Wareham Heath; Creech.

Normandy.

E. cinerea, L.! *Fine-leaved Heath.*

Erica tenuifolia, Ger. em. *E. humilis cortice, cinereo Arbuti flore*, C. B. Pin.

C. C. B. p. 241. Syme, E. B. vi. t. 891.

Heaths and commons; native; abundant on the Bagshot Series. Shrub. June—September.

The following localities are outside the tertiary boundary:

A. Common above Lyme Regis, (Greensand).

C. Abbotsbury Weirs, (Greensand).

F. Whatcombe Common; Thorncombe; France Down; Blandford Race-course Down, (Chalk).

G. Bradle Heath, (Purbeck beds).

Devon, Hants, Somerset, Wilts, Normandy.

CALLUNA, Salisb.

C. vulgaris, Salisb.! *Common Ling.*

Erica vulgaris, sive pumila, Ger. em.

Erica vulgaris, L. (Curt.)

C. C. B. p. 241. Syme, E. B. vi. t. 894.

Heaths and commons; native; abundant. Shrub. June—October.

F. Bulbarrow; Toller Porcorum; Whatcombe Common; Thorncombe Down (Chalk).

G. Bradle Down (Purbeck beds).

Devon, Hants, Somerset, Wilts, Normandy.

VACCINIUM, L.

V. Myrtillus, L.! *Common Bilberry.*

Vaccinia nigra, Ger. em.

C. C. B. p. 243. Syme, E. B. vi. t. 879. Pult. p. 78.

Woods and heaths; native; frequent. Shrub. April—June.

- A. Eype Down, *Rev. E. Fox*; Golden Cap; Lambert Castle.
- C. Blackdown; chalk range between Melbury and Minterne.
- D. Sayer's Wood, Bryant's Piddle; Rye Hill copse, Bere Regis.
- G. Grange copse, on the Creech side; Wareham Heath.
Devon, Hants, Somerset, Wilts, Normandy.

MONOTROPA, L.

- M. Hypopitys, L.!** *Yellow Bird's-nest.*
Hypopitys lutea, Rar. Syn. Orobanche hypopitys, C. B. Pin.
C. C. B. p. 245. Syme, E. B. vi. t. 901. Pult. p. 79.
Woods, on roots of firs and beech; native; rare. P.
July—September.
- C. Fir-plantations, Heffleton, *Rev. E. Fox.*
- F. Stour Payne bushes, *Rev. E. Binfield*; Websley Wood,
Hon. L. E. Portman; Durweston Hang, *Mr. J. W. Green*;
under beech trees Milton Abbey Park, west side, *Dr.*
Fielding; beech-wood, Hilton, on the south side of the
village.
Hants, Somerset, Wilts, Normandy.

ILICACEÆ.

ILEX, L.

- I. Aquifolium, L.!** *The Holly.*
Ilex vulg. sive aculeata baccifera folio sinuato, C. B. Pin.
Agri-folium, Ger. em.
C. C. B. p. 245. Syme, E. B. ii. t. 316.
Woods, hedges and downs; native; common. Tree.
April—June.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

JASMINACEÆ.

LIGUSTRUM, Tournef.

- L. vulgare, L.!** *Common Privet.*
L. Germanicum, C. B. Pin.
C. C. B. p. 245. Syme, E. B. vi. t. 904. Pult. p. 69.
Thickets and hedges; native; common. Shrub. June—
July.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

FRAXINUS, L.**F. excelsior, L.! Common Ash.***Fraxinus, Raii Syn., Ger. em.*

C. C. B. p. 246. Syme, E. B. vi. tt. 902, 903.

Hedges and woods; native; common. Tree. April.

G. Gadcliff, apparently indigenous.

Devon, Hants, Somerset, Wilts, Normandy.

APOCYNACEÆ.**VINCA, L.****V. minor, L.! Smaller Periwinkle.***V. pervinca minor, Raii Syn., Ger. em.*

C. C. B. p. 246. Syme, E. B. vi. t. 906. Pult. p. 73.

Woods and hedges; denizen; not common. P. April—June.

A. Castle Mill near Poorstock; Symondsbury; Burton Bradstock cliffs, *Rev. E. Fox.*B. Bradford Abbas, *Prof. Buckman.*

D. Grove, Bingham's Melcombe; hedge-banks on the road-side, Higher Waterston.

E. Glanville's Wootton, *Mr. J. C. Dale.*

Devon, Isle of Wight, Wilts, Normandy.

*** V. major, L.! Greater Periwinkle.***Clematis daphnoides major, C. B. Pin. Clem. daph. sive**Pervinca major, Ger. em.*

C. C. B. p. 537. Syme, E. B. vi. t. 905.

Hedges and woods; alien. P. April—July.

A. West Milton, *Rev. E. Fox.*B. Bradford Abbas, *Prof. Buckman.*E. Glanville's Wootton, *Mr. J. C. Dale.*

F. Heathy ground between Upton and Henbury.

G. Corfe Castle, *Mr. Rowe.***GENTIANACEÆ.****GENTIANA, Tournef.****G. Pneumonanthe, L.! Calathian Violet.***Ger. em. Centrana palustris angustifolia, C. B. Pin.*

C. C. B. p. 246. Syme, E. B. vi. t. 914. Pult. p. 73.

Heaths; native; rare. P. August—October.

D. Chamberlayne's Heath; Blackhill, Bere Regis; heath near the third mile-stone on the Wareham and Bere turnpike on both sides of the road.

F. Kinston, *Rev. J. H. Austen*.

G. Purbeck, *Dr. Pulteney*; Rempstone and Grange Heaths;
Povington.
Normandy.

G. Amarella, L.! *Autumnal Gentian*.

Gentianella fugax minor, *Ger. em.*

C. C. B. p. 247. Syme, E. B. vi. t. 917. Pult. p. 73.

Downs and open pastures; native; rather common. A.
August—October.

“Probably noticed by Turner, as he mentions, ‘a little
Gentian growing in Dorsetshire and on Salisbury Plain.’
Herbal. iii. 25,” *Dr. Pulteney*.

A. Lodors Common Field, *Dr. Pulteney*.

B. Liberty Farm, Halstock, *Rev. E. Bower*.

C. Lulworth Cove.

E. Rough ground between Woolland and the foot of the chalk
range.

F. Nutford field and Pimperne Down, *Dr. Pulteney*; Hough-
ton Down; Clenston Wood; Launceston Down; Long-
thorns; Blandford Race-course.

G. Langton Quarries; Down above Durlleston; Tyneham Cap;
West Bradle Down.

Devon, Hants, Somerset, Wilts, Normandy.

G. campestris, L.! *Field Gentian*.

Gentianella fugax verna seu. præcox, *Raii Syn.*

C. C. B. p. 247. Syme, E. B. vi. t. 919. Pult. p. 73.

Pastures; native; rare. A. May—September.

A. Field, Eggardon Hill, *Rev. J. Jones*.

F. Pimperne Down near Blandford, *Dr. Pulteney*; Deverill
Down.

G. Flower’s-Barrow on its western side.

Devon, Hants, Somerset, Wilts, Normandy.

CICENDIA, Adamson.

C. filiformis, Reich.! *Slender Cicendia*.

Centaurium palustre luteum minimum, *Raii Syn.*

Exacum filiforme, *Sm. E. B.*

C. C. B. p. 247. Syme, E. B. vi. t. 912. Pult. p. 69.

Sm. Eng. Fl. i. p. 212.

Heaths; native; rare. A. July—September. First found
in England by Mr. Ray.

D. A mile from Sherford Bridge, on the road to Wareham;
about Moreton plentifully, *Dr. Pulteney*; heath at the

- third mile-stone on the Wareham and Bere turnpike ;
heath between Bere Regis and Bloxworth.
F. Poole Heath, and by the Fleets; in the way also from Corfe
Mullen to Poole, *Dr. Pulteney*.
G. Wareham and Studland Heaths; Little Sea.
Hants, Normandy.

ERYTHRÆA, *Renealm.*

E. Centaurium, Pers.! *Common Centaury.*

Centaurium minus, Raii Syn. Centaurium parvum, Ger. em.
C. C. B. p. 248. Syme, E. B. vi. t. 909. Pult. p. 71.
Woods, heaths and cliffs; native; common. A.? or B.
June—October.

This is a polymorphous plant; the stunted forms which
grow on the coast (Purbeck especially) may easily be
mistaken for *E. latifolia* or *E. littoralis*, neither of which
grow in the county. The lateral branches of the corymb
are usually wanting, which renders it still more difficult
to distinguish them from the two above-named species.

- A. Loders, *Dr. Pulteney*; Lyme Regis; Wootton Fitzpaine;
Hook Park.
C. Cliffs, Holworth.
D. Sandy ground, Morden Park; Chamberlayne's.
E. Shortwood.
F. Clenston and Houghton Woods; Longthorns.
G. Povington Wood; Hyde Wood, Steeple; Gadcliff; cliffs,
Seacombe; St. Alban's Head; Durlleston; Punfield;
sand-banks, South Haven.
Devon, Hants, Somerset, Wilts, Normandy.

E. pulchella, Fries.! *Slender Centaury.*

Gentiana Centaurium, b. L.
C. C. B. p. 248. Syme, E. B. t. 910.
Sandy places near the sea; native; rare. A. or B. August—
October.
G. Marshy ground, South Haven, Studland.
Devon, Isle of Wight, Somerset, Normandy.

CHLORA, *L.*

C. perfoliata, L.! *Yellow Centaury.*

Centaurium luteum perfoliatum, C. B. Pin. Centaureum
parvum luteum Lobelii, Ger. em.
C. C. B. p. 249. Syme, E. B. vi. t. 913. Pult. p. 78.
Banks and grassy slopes; native; frequent in the neigh-
bourhood of the sea. B. June—September.

- A. Combe Wood, Litton Cheney, *Rev. A. E. Eaton*; Puncknoll; Bexington; Lyme Regis (on the Lias and Greensand).
- B. Bradford Abbas, *Prof. Buckman*; Batcombe, *Rev. T. Marshall*.
- C. Radipole, *Miss Payne*; Holworth Cliff.
- E. Rough ground between Woolland and the base of the chalk range.
- F. Hod and Hambledon hills; Nutford-field, near Blandford, *Dr. Pulteney*.
- G. Grassy banks, Winspit; Seacombe; Punfield; Swanage. Devon, Hants, Somerset, Wilts, Normandy.

LIMNANTHEMUM, Gmel.

- [**L. nymphæoides**, *Link.* Round-leaved Buckbean.
Nymphæa lutea minima, *Ger. em.* *Menyanthes nymphæoides*,
L. Villarsia nymphæoides, *Vent.*
C. C. B. p. 249. Syme, E. B. vi. t. 921. Pult. p. 71.
Ponds and margins of slow running rivers; native; rare.
P. July, August.
- A. In the swampy bottom near Loders, *Rev. J. Jones*.
Not confirmed since Pulteney's time.
Normandy.]

MENYANTHES, L.

- M. trifoliata**, *L.!* Common Buckbean.
Trifolium paludosum, *Ger. em.* *Menianthes palustre tri-*
phyllum latifolium et angustifolium, *Raii Syn.*
C. C. B. p. 249. Syme, E. B. vi. t. 920. Pult. p. 71.
Wet meadows, heaths and bogs; native; common. P.
May, June.
- A. Gorwell.
- C. Marshy places, Hook Park.
- D. Morden Park Lake, *Dr. Pulteney*; Affpiddle, *Mr. H. P. B. Norris*; meadows, Chamberlayne's.
- F. Meadows near the Stour at Spettisbury and Shapwick, *Dr. Pulteney*.
- G. Stoborough meadows; Little Sea, Studland; bogs, Creech and Arne.
Devon, Hants, Somerset, Wilts, Normandy.

CONVOLVULACEÆ.

CONVOLVULUS, L.

- C. arvensis**, *L.!* Field Convolvulus.
Convolvulus minor vulgaris, *Park.* *Smilax lenis minor*,
Ger. em., *Raii Syn.*

C. C. B. p. 250. Syme, E. B. vi. t. 923.
Cultivated and waste ground; native; common. P. June—
September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

C. sepium, L.! *Great Bindweed, White Convolvulus.*
Convolvulus major albus, C. B. Pin. Smilax lævis seu lenis
major, Ger. em.
C. C. B. p. 250. Syme, E. B. vi. t. 924.
Hedges and thickets; native; common. P. July—Sep-
tember.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

C. Soldanella, L.! *Sea Bindweed.*
Convolvulus maritimus Soldanella dictus, Raii Syn. Bras-
sica marina seu Soldanella, J. B. P.
C. C. B. p. 250. Syme, E. B. vi. t. 925. Pult. p. 71.
Turner's Herbal, pt. i. fol. 37.
Sandy sea-shores; native; rare. P. July, August.
A. Chesil Bank, Burton Bradstock, *Dr. Pulteney*; Swyre.
C. Portland, cove below Pensylvania, *Rev. H. E. Fox*; beach
between Portland and Abbotsbury.
G. "I have not seen it in England, saving only in Portland,"
Turner; Swanage and Poole, *Dr. Pulteney*; Kimeridge
Bay; Studland Bay.
Devon, Isle of Wight, Somerset, Normandy.

CUSCUTA, Tournef.

C. europæa, L.! *Great Dodder.*
Cuscuta major, Raii Syn.
C. C. B. p. 250. Syme, E. B. vi. t. 927. Pult. p. 70.
Parasitical on vetches and nettles; native; rare. A.
August, September.
F. On nettles about Blandford, and beans Pimperne corn-
fields, *Dr. Pulteney*; on vetches at Upper Houghton
Farm.
Hants, Somerset, Wilts, Normandy.

***C. Epilinum, Weihe.** *Flax Dodder.*
C. C. B. p. 528. Syme, E. B. vi. t. 926.
Parasitical on flax; alien; rare. A. July, August.
B. Bradford Abbas, *Prof. Buckman*.
Wilts, Normandy.

C. Epithymum, L.! *Lesser Dodder.*
Cuscuta sive Cassutha, Ger. em.

- C. C. B. p. 251. Syme, E. B. vi. t. 928. Pult. p. 70.
Parasitical on furze, thyme and ling; native; frequent.
A. June—October.
- C. On furze, Portland.
- D. On heath, between Oaker's Wood and Affpiddle; Chamberlayne's Heath.
- F. Ensbury Heath, *Rev. J. H. Austen*.
- G. On furze, Arne Heath; Corfe Heath.
Devon, Hants, Somerset, Wilts, Normandy.
- *C. Trifolii, Bab.!** *Clover Dodder*.
C. C. B. p. 251. Syme, E. B. vi. t. 929.
Parasitical on clover; alien; rare. A. July.
B. Bradford Abbas, *Prof. Buckman*.
C. Portland, fields above the West Cliff, *Rev. H. E. Fox*.
D. Clover-field, Bingham's Melcombe, *Rev. C. W. Bingham*.
F. Clover-field, Winterborne Kingston, on the south side of the village.
Isle of Wight, Wilts, Normandy.

SOLANACEÆ.

HYOSCYAMUS, L.

- H. niger, L.!** *Common Henbane*.
Hyoscyamus niger vel vulgaris, C. B. Pin.
C. C. B. p. 251. Syme, E. B. vi. t. 936.
Waste ground; native; frequent. A. or B. May—August.
- A. Cliffs, Burton Bradstock, *Rev. E. Fox*; Lyme Regis.
- C. Cliffs, Holworth; Portland, waste ground near Pennsylvania Castle; beach, Abbotsbury.
- E. Road-side between Shillingston and Gain's Cross.
- F. Waste ground, Ibberton Hill; Whatcombe Common; Milborne St. Andrews, near the Manor House.
- G. Cliffs, Kimeridge; hedges between Arish Mill and West Lulworth; Arne Village; Studland Sands.
Devon, Hants, Somerset, Wilts, Normandy.

SOLANUM, L.

- S. nigrum, L.!** *Black Nightshade*.
S. hortense, Ger. em. S. vulgare, Park., Raii Sym.
C. C. B. p. 251. Syme, E. B. vi. t. 931.
Cultivated and waste ground; native; not common. A. July—October.
- C. Cultivated land, Portland.

- G. Waste ground, Creech ; Stoborough meadows ; Studland Sands ; Arne.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

S. Dulcamara, L.! *Woody Nightshade.*

Amara dulcis, Ger. em. *S. lignosum seu Dulcamara*, Raii Syn.

C. C. B. p. 252. Syme, E. B. vi. t. 930.

Hedges and copses ; native ; common. Shrub. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

Var. b. marinum, Syme.

C. Chesil-beach from Portland to Bexington.

ATROPA, L.

A. Belladonna, L.! *Deadly Nightshade.*

Solanum lethale, Ger. em.

C. C. B. p. 252. Syme, E. B. vi. 934. Pult. p. 71.

Waste places ; native ; very rare. P. June—August.

- F. Chettle ; hedges, East Morden, *Dr. Pulteney* ; shrubby at Litchet Matravers, *Rev. W. M. Heath*.

- G. Purbeck ; Lulworth, *Dr. Pulteney*.
Somerset, Wilts, Normandy.

SCROPHULARIACEÆ.

VERBASCUM, L.

V. Thapsus, L.! *Great Mullein.*

Thapsus barbatus, Ger. em.

C. C. B. p. 252. Syme, E. B. vi. t. 937. Pult. p. 71.

Hedges and waste ground ; native ; common. B. June—October.

- B. Bradford Abbas, *Prof. Buckman* ; hedges above Honeycombe Wood.

- C. West Lulworth ; Portland.

- D. Heath near Mr. Radclyffe's Lodge on the Wareham and Bere turnpike ; Springfield Copse, Bere Regis.

- E. Princes Wood, Middlemarsh.

- F. Longthorns ; Chace Woods.

- G. Povington ; Gadcliff ; Arne ; Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

V. Blattaria, L.† *Moth Mullein.*

Blattaria Plinii, Ger. em.

C. C. B. p. 253. Syme, E. B. vi. t. 942. Pult. p. 71.

Waste ground; denizen or alien; rare. A or B. July—September.

A. Verse Farm, between West Road and Eype church, in the hedge of an orchard, near the farmhouse, *Mrs. J. S. Reid*.

F. Spettisbury, *Dr. Pulteney*; confirmed by *Rev. C. Torkington* in 1868.

Devon, Isle of Wight, Wilts, Normandy.

V. nigrum, L.! *Dark Mullein.*

V. nigrum flore parvo, apicibus purpureis, Raii Syn.

C. C. B. p. 253. Syme, E. B. vi. t. 940. Pult. p. 71.

Waste ground and road-sides; native; rare. B. or P. July—October.

A. Pillesdon church-yard, *Rev. E. Fox*.

B. Bradford Abbas, *Prof. Buckman*.

F. Sturminster Marshall; Corfe Mullen; Canford, *Dr. Pulteney*; Woodcuts, *Hon. Susan Pitt*; Rushton Down, *Mr. J. W. Green*; hedges between Clenston and Stickland; Bailly turnpike; hedge on the east side of Broadley Wood.

Devon, Hants, Somerset, Wilts, Normandy.

VERONICA, Tournef.

V. arvensis, L.! *Wall Speedwell.*

V. flosc. sing. cauliculis adhærent, Raii Syn.

C. C. B. p. 254. Syme, E. B. vi. t. 976.

Walls, dry places and road-sides; native; common. A. May—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

V. serpyllifolia, L.! *Perennial Smooth Speedwell.*

Betonica Pauli, Turn. V. prat. serpyllifolia, C. B. Pin.

C. C. B. p. 255. Syme, E. B. vi. t. 978. Pult. p. 64.

Fields, hedge-banks and road-sides; native; common. P. April—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

V. scutellata, L.! *Marsh Speedwell.*

Anagallis aquatica quarta, Lob. V. aquatica angustifolia minor, Raii Syn.

C. C. B. p. 256. Syme, E. B. vi. t. 988. Pult. p. 64.

Wet places, meadows and heaths; native; rare. P. June—August.

A. River side near the Mill, Loders, *Rev. J. Jones*; Gorwell, *Rev. A. E. Eaton*.

- C. Edges of ponds at Hook Park, *Rev. E. Fox*; meadows, Wool opposite Heffleton Lodge.
- D. Water-meadow, Burleston.
- F. Meadows, Blandford St. Mary.
- G. Wet meadows, Creech, *Rev. O. L. Mansel*.
Devon, Hants, Somerset, Wilts, Normandy.

V. Anagallis, L. ! Water Speedwell.

V. aquat. longifol. media, *R. Syn.*

C. C. B. p. 256. Syme, E. B. vi. t. 989. Pult. p. 64.

Sides of streams and ponds; native; common.. B. or P.
June—September.

- A. Loders, *Rev. J. Jones*.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Moreton; Portland.
- D. Chamberlayne's.
- F. Spettisbury; Crichel Lake.
- G. Swanage near the church; Ulwell.
Devon, Hants, Somerset, Wilts, Normandy.

V. Beccabunga, L. ! Brooklime.

V. aquat. rotundifol.. Beccabunga dicta, minor, *R. Syn.*

C. C. B. p. 256. Syme, E. B. vi. t. 990.

Ditches and streams; native; common. P. May—
August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

V. officinalis, L. ! Common Speedwell.

V. mas. supina et vulgatissima, *C. B. Pin.*

C. C. B. p. 256. Syme, E. B. vi. t. 984.

Heaths, commons and road-sides; native; common. P.
May—September.

- A. Lyme Regis.
- C. Moreton Heath.
- D. Bere Heath and Wood.
- E. Melcombe Park.
- F. Clenston Wood; sandy ground, Holt; Longthorns.
- G. Grange Wood.
Devon, Hants, Somerset, Wilts, Normandy.

V. montana, L. ! Mountain Speedwell.

Alysson Dioscoridis montanum, *Colum., Raii Syn., Ger. em.*

C. C. B. p. 257. Syme, E. B. vi. t. 987. Pult. p. 64.

Woods and hedge-banks; native; rather rare. P. May—
August.

- A. Monckton Wylde; Hook Park.

- E. Melcombe Tout Copse.
- F. Milton Park Wood; Lee Wood, Whatcombe; Meriden Wood, Houghton.
- G. Grange Wood; Hyde Wood, Steeple.
Devon, Hants, Somerset, Wilts, Normandy.

V. Chamædrys, L.! Germander Speedwell.

Chamædrys sylvestris, Ger. em.

C. C. B. p. 257. Syme, E. B. vi. t. 986.

Hedge-banks, pastures and woods; native; common. P.
April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

V. hederifolia, L.! Ivy-leaved Speedwell.

Alsine hederacea, Ger. em.

C. C. B. p. 257. Syme, E. B. vi. t. 970. Pult. p. 64.

Fields, gardens and road-sides; native; common. A.
February—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

V. agrestis, L.! Green Procumbent Speedwell.

V. fl. sing. in oblong. pedic. Chamædryfolia, R. Syn.

C. C. B. p. 257. Syme, E. B. vi. t. 972.

Cultivated and waste ground; native; common. A.
February—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

V. polita, L.! Grey Procumbent Speedwell.

C. C. B. p. 258. Syme, E. B. vi. t. 971.

Cultivated, waste ground and walls; native; common.
A. February—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

Var. b. grandiflora, Bab.

- G. Corn-fields between Worth Matravers and St. Albans Head,
Mr. W. Borrer.

***V. Buxbaumii, Ten.! Buxbaum's Speedwell.**

C. C. B. p. 258. Syme, E. B. vi. t. 973.

Cultivated fields and waste places; colonist; frequent. A.
February—November.

C. Corn-fields, Chickereel.

D. Shitterton Farm, Bere Regis.

- E. Gain's Cross, Durweston.
 F. Very common at Whitchurch and Milborne St. Andrew;
 Corn-fields, Houghton; Winterborne Kingston.
 G. Church Knowle; Swanage.
 Isle of Wight, Wilts.

BARTSIA, *L.*

- B. viscosa, *L.*!** *Yellow Bartsia.*
Euphrasia major lutea latifolia palustris, Raii Syn.
Euphrasia viscosa, Benth.
 C. C. B. p. 258. Syme, E. B. vi. t. 994.
 Meadows; native; rare. A. June—October.
 G. Arne meadows; by the sides of the Railway between the
 Poole Junction and Ham Terminus.
 Devon, Isle of Wight, Normandy.
- B. Odontites, *Huds.*!** *Red Bartsia.*
Cratægogonon Euphrosine, Ger. em. Euphrasia Odontites, L.
 C. C. B. p. 259, Syme, E. B. vi. t. 993.
 Cultivated fields; native; common. A. July—September.
 Generally distributed.
- Var. *b. serotina, Lam.*!**
 C. C. B. p. 540. Syme, E. B. vi. p. 174. Gren. et Godr.
 ii. p. 606.
 Waste places and road-sides.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

EUPHRASIA, *Tournef.*

- E. officinalis, *L.*!** *Common Eyebright.*
 C. C. B. p. 259. Syme, E. B. vi. t. 991.
 Meadows, commons and heaths; native; common. A.
 May—October.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- Var. *b. E. gracilis, Fries.*!**
 C. C. B. p. 541. Syme, E. B. vi. t. 992.
 Frequent on heaths and downs.
 D. Waste ground, Chamberlayne's.
 F. Deverill Down; Ibberton Down; grassy places, Clenston
 Wood.
 Devon, Hants, Somerset, Wilts, Normandy.

RHINANTHUS, L.**R. Crista-Galli, L.!** *Yellow Rattle.**Pedicularis pratensis vel Crista-Galli lutea, C. B. Pin.*

C. C. B. p. 259. Syme, E. B. t. 998.

Meadows, pastures and woods; native; common. A.

May—August.

Generally distributed.

A branched form of this plant grows in Houghton Park Wood, and rough ground on the north side of Ibberton Wood.

Devon, Hants, Somerset, Wilts, Normandy.

MELAMPYRUM, Tournef.**M. pratense, L.!** *Cow-Wheat.**Cratægonon rubrum et album, Ger. em.*

C. C. B. p. 260. Syme, E. B. vi. t. 1003.

Woods; native; common. A. May—September.

A. Puncknoll Wood.

B. Hook Park; Honeycombe Wood.

C. Kingcombe Wood.

D. Bere Wood.

E. Donclyffe Wood.

F. Clenston Wood; Holt; Manaton Wood.

G. Copses, Creech; grassy banks between Rempstone and Studland.

Devon, Hants, Somerset, Wilts, Normandy.

[***M. arvense, L.** *Field Cow-wheat.*

C. C. B. p. 260. Syme, E. B. vi. t. 1001. Pult. p. 85.

Cornfield; colonist?; very rare. A. July—August.

D. Bere Field; "seen two years and lost," *Dr. Pulteney.*]
Hants, Normandy.**PEDICULARIS, Tournef.****P. palustris, L.!** *Upright Lousewort.**P. palustris rubro elatior, Raii Syn.*

C. C. B. p. 260. Syme, E. B. vi. t. 996. Pult. p. 85.

Bogs and marshy places; native; frequent. B. April—August.

C. Bog, Moreton; Wool.

D. Morden Park Lake; bog, Sherford Bridge; Chamberlayne's.

F. Bog, Litchet Matravers.

G. Stoborough meadows; Studland; Arne.

Devon, Hants, Somerset, Wilts, Normandy.

P. sylvatica, L.! *Procumbent Lousewort.**P. pratensis purpurea, C. B. Pin.*

C. C. B. p. 261. Syme, E. B. vi. t. 897. Pult. p. 85.

Pastures, heaths and downs; native; common. P. ? or B.
April—September.

A. Ashley Common.

C. Chamberlayne's.

D. Morden Park.

E. Sturminster Newton.

F. Stickland, *Dr. Pulteney*; Whatcombe Common; Houghton Wood.

G. Meadows under Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

SCROPHULARIA, L.**S. nodosa, L.!** *Knotty-rooted Figwort.*

C. C. B. p. 261. Syme, E. B. vi. t. 940. Pult. p. 85.

Woods and damp places; native; common. P. June—October.

C. Kingcombe Wood; Lulworth Park.

D. Copse near Rye Hill brick-kiln, Bere Regis.

E. Piddle Wood, Sturminster Newton; Stoke Wake Wood.

F. Higher Manaton Wood.

G. Grange Wood; Hyde Wood, Steeple; Nordon Clay-pits.

Devon, Hants, Somerset, Wilts, Normandy.

S. aquatica, L.! *Common Water Betony.**Betonica aquatica, Ger. em.*

C. C. B. p. 261. Syme, E. B. vi. t. 947.

Sides of ditches and streams; native; common. P. May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

DIGITALIS, L.**D. purpurea, L.!** *Purple Fox-glove.*

C. C. B. p. 262. Syme, E. B. vi. t. 952. Pult. p. 85.

Woods, heaths and waste ground; native; common. B. or P. June—October.

A. Hedges, above Lyme Regis.

B. Honeycombe.

C. Kingcombe; Upcerne.

D. Chamberlayne's.

E. Revel's Hill, Glanville's Wootton, *Mr. J. C. Dale.*

- F. Bondesley Drove ; Whatcombe Common ; Durweston.
 G. Studland ; Rempstone.
 Devon, Hants, Somerset, Wilts, Normandy.

ANTIRRHINUM, L.

- ***A. majus, L.!** *Snapdragon.*
 C. C. B. p. 541. Syme, E. B. vi. t. 953.
 On walls ; alien ; frequent. P. June—September.
 A. Walls, Netherbury.
 B. Walls, Sherborne Castle.
 C. Walls, Portland.
 G. Rocks, West Lulworth ; walls, Smedmore.
- A. Orontium, L.!** *Corn Snapdragon.*
A. minus, Ger. em.
 C. C. B. p. 262. Syme, E. B. vi. t. 954. Pult. p. 85.
 Cultivated ground ; colonist ; common. A. June—
 November.
 A. Loders, *Rev. J. Jones* ; Lyme Regis.
 B. Osborne.
 C. Owre Moyne.
 D. Chamberlayne's ; Bloxworth.
 E. Fifehide Neville.
 F. Merley ; Spettisbury ; Milborne St. Andrew.
 G. Arne.
 Devon, Hants, Somerset Wilts, Normandy.

LINARIA, Tournef.

- ***L. Cymbalaria, Char.!** *Ivy-leaved Toadflax.*
Antirrhinum Cymbalaria, L.
 C. C. B. p. 541. Syme, E. B. vi. t. 955. Pult. p. 85.
 Walls ; alien ; common. P. June—September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- L. spuria, Mill.!** *Round-leaved Fluellin.*
Veronica fœmina Fuchsii, Ger. em.
Antirrhinum spuria, L.
 C. C. B. p. 262. Syme, E. B. vi. t. 957. Pult. p. 85.
 Cultivated ground ; colonist ; frequent. A. May—
 November.
 A. Shipton Gorge, *Rev. E. Fox* ; Bridport, *Rev. J. Jones*.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Lodmoor and road to Radipole, *Mr. G. S. Gibson* ; corn-
 fields, West Lulworth ; Portland ; Ridgeway.
 D. Shitterton Farm, Bere Regis.

F. Hambledon and Hod Hills, *Dr. Pulteney*; Milborne St. Andrew; Clenston.

G. Blackmanston; Kimeridge; Seacombe; St. Alban's Head; Bradle.

Devon, Hants, Somerset, Wilts, Normandy.

L. Elatine, Mill.! *Sharp-leaved Fluellin.*

C. C. B. p. 263. Syme, E. B. vi. t. 956. Pult. p. 85.

Corn-fields; colonist; frequent. A. July—September.

B. Bradford Abbas, *Prof. Buckman.*

C. Corn-fields near Arish Mill.

F. Chescombe Farm; sandy ground near Upton turnpike-gate.

G. Punfield; Creech clay-pits; Seacombe; corn-fields, east of St. Alban's Head.

Devon, Hants, Somerset, Wilts, Normandy.

L. vulgaris, Mill.! *Yellow Toadflax.*

L. lutea vulgaris, Ger. em.

Antirrhinum Linaria, L.

C. C. B. p. 263. Syme, E. B. vi. t. 962.

Hedges, road-sides and waste ground; native; common.

P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

L. minor, Desf.! *Least Toadflax.*

L. Antirrhinum dicta Raii Syn.

Antirrhinum minor, L. (Curt.)

C. C. B. p. 263. Syme, E. B. vi. t. 966. Pult. p. 85.

Corn-fields and waste ground; colonist; frequent. A. July—October.

C. Waste ground, Ridgeway; Portland; sides of railway, Backwater, Weymouth.

D. Bere Regis, *Dr. Pulteney*; sandy ground third mile-stone on the Wareham and Bere Regis turnpike.

F. Langton, *Dr. Pulteney*; Milborne St. Andrew; corn-fields, Eastbury; Witchchurch; Thorncombe.

G. Corn-fields, north side of Nine-barrow Down.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

MIMULUS, L.

***M. luteus L.** *Yellow Monkey-flower.*

C. C. B. p. 542. Syme, E. B. vi. t. 967.

River-sides; naturalized from North America; rare. P. July—September.

C. River-sides, Bradford Peverill, *Mr. W. H. Barrett.*

OROBANCHACEÆ.

OROBANCHE, L.

- O. Rapum, Thuill.!** *Greater Broom-rape.*
Rapum Genistæ, Ger. em., O. major Garyophyllum olens,
C. B. Pin., O. major, L.
 C. C. B. p. 264. Syme, E. B. vi. t. 1010. Pult. p. 85.
 Parasitical on broom, furze, &c.; native; rare. P. May,
 June.
 A. Golden Cap, Lyme Regis, *Rev. E. Fox.*
 B. Bradford Abbas, *Prof. Buckman.*
 C. Fordington Fields, *Mrs. M. Frampton.*
 D. On furze, by the path leading from the base of Blackhill to
 Turner's Piddle, *Mrs. F. Warre.*
 G. Studland heath, on furze, *Rev. A. E. Eaton.*
 Devon, Hants, Somerset, Wilts, Normandy.
- O. elatior, Sutton.†** *Tall Broom-rape.*
 C. C. B. p. 265. Syme, E. B. vi. t. 1013. Pult. p. 85.
 Phyt. 1. p. 730.
 Parasitical on *Centaurea Scabiosa*; native; rare. P. May,
 June.
 B. Bradford Abbas, *Prof. Buckman.*
 C. Maumbury near Dorchester, *Mr. G. S. Gibson.*
 F. Keyneston, *Rev. J. H. Austen.*
 Somerset, Wilts, Normandy.
- O. minor, L.!** *Lesser Broom-rape.*
O. flore minore, Dillen. in Raii Syn.
 C. C. B. p. 265. Syme, E. B. vi. t. 1016. Pult. p. 85.
 Parasitical on various plants; native; frequent. P.
 June—October.
 Lobes of stigma purple.
 B. Bradford Abbas, *Prof. Buckman.*
 C. Abbotsbury, *Rev. A. E. Eaton*; Moreton, *Mrs. M.*
Frampton.
 D. Clover-field, Roke Farm, Bere Regis.
 F. Clover-field, Whitchurch Farm; Crichel; Hedge-banks
 near Badbury Rings; Thorncombe Farm; Milborne St.
 Andrew.
 G. Clover-field, Grange; hedge-bank, Studland.
 Devon, Hants, Somerset, Wilts, Normandy.
- O. Hedera, Duby.!** *Ivy Broom-rape.*
O. barbata, E. B. S. 2859, not Poir.
 C. C. B. p. 265. Syme, E. B. vi. t. 1015. Bab. Man.
 p. 246.

- Parasitical on ivy; native; rare. A. June—October.
 C. Portland, Undercliff, *Rev. H. E. Fox*.
 F. Longthorns.
 G. Gadcliff.

LATHRÆA, L.

- L. squamaria, L.!** *Toothwort.*
Dentaria major Matthiolo, Ger. em.
 C. C. B. p. 266. Syme, E. B. vi. t. 1006. Pult. p. 85.
 Parasitical on roots of hazel, &c.; native; rare. P. April.
 E. Glanville's Wootton, *J. C. Dale*; Melcombe Park.
 F. Chace Woods, *Dr. Pulteney*, confirmed by *Mr. J. W. Green* in 1871.
 G. Grange Wood, *Rev. O. L. Mansel*.
 Devon, Hants, Somerset, Wilts, Normandy.

VERBENACEÆ.

VERBENA, L.

- V. officinalis, L.!** *Vervain.*
V. communis, Ger. em.
 C. C. B. p. 266. Syme, E. B. vi. t. 1015.
 Road-sides and waste land; native; common. P. July—October.
 C. Portland; Pennsylvania, *Rev. H. E. Fox*; West Lulworth.
 D. Waste ground near Mr. Radclyffe's Lodge on the Wareham and Bere turnpike; Rye Hill, Bere Regis.
 F. Hedges, Blandford; Whitechurch; Crichel.
 G. Tylly Whim; Church Knowle; Luton Farm, Steeple.
 Devon, Hants, Somerset, Wilts, Normandy.

LAMIACEÆ

SALVIA, L.

- S. Verbenaca, L.!** *Wild English Clary.*
Horminium sylvestre, Ger. em.
 C. C. B. p. 267. Syme, E. B. vii. t. 1056. Pult. p. 65.
 Dry fields, road-sides and cliffs; native; frequent. P. May—November.
 A. Little Bredy, *Rev. A. E. Eaton*; Poorstock, *Rev. E. Fox*; cliffs, Burton Bradstock.
 C. Grassy places below the Castle, Abbotsbury; sides of roads, West Lulworth; Portland.
 F. Hedge-banks between Stickland and Houghton.
 G. Hedge-banks, Ulwell; cliffs, Swanage; Winspit quarries; Corfe Castle, among the ruins; Langton Matravers.
 Devon, Hants, Somerset, Wilts, Normandy.

LEGUMINOSAE.

M. sativus, L. Field Pea and Marrowfat.

Medicago sativa, L. var. *sativa*.

C. C. B. p. 247. Syme, E. B. vii. t. 1024.

Sides of stone fences and wet sand. Native frequent. P. June—October.

A. Sutton Cheney, Rev. E. E. Eaton.

C. Culworth Park, Essex: banks of the Frome, Suffolk.

D. River-side, Chatterbox, Essex: moor and near Piddletown Long Plantation, Dorset Lake.

F. Banks of River Corfe Mullen, Dorsetshire: Cricket Lake; moor lands near Tynon.

G. Linches, Redcliff, Weymouth: Baskwall: Corfe River, between the town and the mill.

Devon, Dorset, Somerset, Wilts, Normandy.

MENTHA, L.

M. sylvestris, L. Round-leaved Mint.

C. C. B. p. 247. Syme, E. B. vii. t. 1020.

Damp places; native: rare. P. July, August.

A. Margerum near Bradpole, Rev. E. Fox.

B. Waste and damp places at Rushmore, Rev. J. H. Austen. Devon, Isle of Wight, Somerset, Wilts, Normandy.

[*M. sylvestris*, L. Common Horse Mint.

Mentha sylvestris folio longiore, C. B. Pica, Rati Sym.

C. C. B. p. 268. Syme, E. B. vii. t. 1022. Pult. p. 84.

Damp places; native: rare. P. July, August.

A. Shipton George, Rev. J. Jones.

D. River-side, Burleston near Piddletown; East Morden, Rev. E. Binfield.

F. Field at the back of Littleton House near Blandford, Rev. E. Binfield. Not confirmed since.

Devon, Somerset, Wilts, Normandy.]

* *M. viridis*, L. Spear Mint.

C. C. B. Sup. p. 68. Syme, E. B. vii. t. 1023.

Wet places; denizen; rare. P. August, September.

A. River-banks, Bradpole, Rev. E. Fox; ditches between Lyme Regis and the Chimney Rock.

B. Moist hedge-banks near Osborne.

M. piperita, Huels. † Peppermint.

C. C. B. p. 268. Syme, E. B. vii. t. 1024.

Damp places; doubtful native ?; rare. P. August, September.

F. Lane near Dean, Handly Common, *Hon. Susan Pitt*.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

M. hirsuta, L.! *Hairy Water Mint.*

Sisymbrium hirsutum, Dood. *Mentha aquatica sive Sisymbria Mentha*, Ger. em.

C. C. B. p. 268. Syme, E. B. vii. t. 1030. Bab. Man. p. 264.

Sides of ditches and streams; native; common. P. July—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

M. sativa, L.! *Marsh Whorled Mint.*

Mentha crispa verticellata, C. B. Pin. *M. sativa rubra*, Ger. em.

C. C. B. p. 268. Syme, E. B. vii. t. 1031.

Wet places; native; frequent. P. July—October.

A. Lytton Cheney.

C. Whiteway Hill near East Lulworth.

D. Chamberlayne's; Higher Waterson; Morden Park, Bureston.

E. Melcombe Park; Woolland.

F. River Stour, Spettisbury; Sturminster Marshall; Longthorns.

G. Corfe River, below the Castle.

Devon, Hants, Somerset, Wilts, Normandy.

M. gentilis, L.! *Bushy Red Mint.*

Syme, E. B. vii. t. 1037.

Watery places; native; rare. P. July—September.

C. East Lulworth, on the descent from Whiteway Hill.
Normandy.

M. arvensis, L. *Common Mint.*

Mentha aquatica, Raii Syn. *Calanuntha aquatica*, Ger. em.

C. C. B. p. 269. Syme, E. B. vii. t. 1038.

Cultivated fields; native; common. P. July—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

M. Pulegium, L.! *Penny-Royal.*

Pulegium regium, Ger. em.

C. C. B. p. 269. Syme, E. B. vii. t. 1041. Pult. p. 84.

Wet places on heaths; native; rare. P. July—September.

D. Woodbury Hill, Dr. Pulteney.

Isle of Wight, Wilts, Normandy.

VERBES.

- 1. Scrophularia, L.: Common Wild Thyme.**
Scrophularia rupicola Ger. m.
 C. C. B. p. 263. Syme, E. B. vii. t. 1143.
 Dunes, hedge-tanks and heaths: native: common. P.
 June—November.
 Dorset, Dorchester.
 Dorset, Hants, Somerset, Wilts, Normandy.
- 2. Chamædrys, Fries.: Larger Wild Thyme.**
 C. C. B. p. 263. Syme, E. B. vii. t. 1044.
 On gravelly heaths, pastures and chalky banks: native;
 frequent. P. June—November.
 C. Portland; hedge-banks above Bincombe.
 F. Hedge-banks, Whitechurch: Deverel Down: Blandford
 Kew-Down.
 G. Clay-pits, Morder, Mr. W. Borrer; on the chalk range
 between Old Harry and Worbarrow Bay.

ORIGANUM, L.

- O. vulgare, L.: Common Marjoram.**
O. sylvestre, *Cunila bubula* Plinii, C. B. Pin. *O. Anglicum*,
 Ger. m. *Majorana sylvestris*, Park.
 C. C. B. p. 269. Syme, E. B. vii. t. 1046. Pult. p. 84.
 Dry banks and road-sides; native; frequent. P. July—
 November.
 A. Lyme Regis near the land-slip.
 B. Bradford Abbas, Prof. Buckman.
 C. Portland weirs; hills above Bincombe.
 F. Hedges, Houghton; Clenston; Whatcombe Common; lane
 between Durweston and Normandy Farm.
 G. Gadeliff; waste ground above Dancing Ledge, Langton;
 Norden clay-pits; hedges near Corfe Castle on the Ware-
 ham turnpike.
 Devon, Hants, Somerset, Wilts, Normandy.

CALAMINTHA, Mæsch.

- C. officinalis, Mæsch.: Common Calamint.**
Thymus Calamintha, L.
 C. C. B. p. 270. Syme, E. B. vii. t. 1050. Pult. p. 84.
 Dry hedge-banks and waste places; native; frequent. P.
 July—November.
 A. Little Brudy, Rev. A. E. Eaton.

- C. Portland, Pennsylvania Castle, *Rev. H. E. Fox*.
 D. Road-side at the third mile-stone on the Wareham and Bere turnpike; Shitterton Lane, on the west side of the Farm-house.
 F. Hedges between Wimborne and Corfe Mullen; Leigh Common, Wimborne; Higher Whatcombe.
 G. Hedges on the south side of the chalk-range at Steeple and Lutton; between Corfe Castle and the Nordon clay-pits; dry ground on the south side of Nine-barrow Down, opposite Rempstone.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. Nepeta, Clairv.! Lesser Calamint.**
 C. C. B. p. 270. Syme, E. B. vii. t. 1049. Pult. p. 84.
 Banks and waste places; native; rare. P. July—November.
 A. Shipton Gorge, *Rev. I. Trahearne*.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Portland, *Dr. Pulteney*.
 F. Crichel, *Dr. Pulteney*.
 G. Corfe Castle ruins.
 Devon, Somerset, Normandy.
- C. Acinos, Clairv.! Basil Thyme.**
Ocymum sylvestre, *Ger. em.*
 C. C. B. p. 270. Syme, E. B. vii. t. 1048. Pult. p. 84.
 Cultivated fields and dry places; native; frequent. A. or B. June—November.
 D. Sandy fields at the third mile-stone on the Wareham and Bere turnpike.
 F. Corn-fields, Deverill and Milborne Farms; Highwood.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. Clinopodium, Spenn.! Wild Basil.**
Clinopodium Origano simile, C. B. Pin. *Acynos*, *sive Clonopodium majus*, Park. *Clinopodium vulgare*, L.
 C. C. B. p. 270. Syme, E. B. vii. t. 1047.
 Hedge-banks and bushy places; native; common. P.
 July—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

MELITTIS, L.

- M. Melissophyllum, L.† Bastard Balm.**
Melissa Fuchsii, *Raii Syn.*, *Ger. em.*
 C. C. B. p. 271. Syme, E. B. vii. t. 1062.

Woods: native: very rare. P. May, June.
F. Mace Woods, Cochen. Mts. Burlington Mts.
Devon, Hants, Somerset, Wilts, Normandy.

TEUCRIUM, L.

T. Scordonia, L.! Wood Sage.

Scordonia, seu Salvia asperia, Raii Syn., Ger. em.
C. C. B. p. 271. Syme, E. B. vii. t. 1093. Pub. p. 83.
Heath, woods and hedge-banks: native: common. P.
July—November.
A. Copse, Hawkchurch.
C. Wood: Portland: Lulworth Cove: Ridgeway Hill.
D. Backs, Chamberlayne's.
E. Dunctyffe.
F. Henbury: Whatecombe Common.
G. Kimeridge Hill: Studland Heath: Redcliff, Wareham;
Gadcliff.
Devon, Hants, Somerset, Wilts, Normandy.

* **T. Chamædrys, Benth.!** Wall Germander.

Chamædrys vulgaris seu sativa, Raii Syn. Chamædrys
major latifolia, Ger. em.
C. C. B. p. 546. Syme, E. B. vii. t. 1094.
Old walls; garden escape. P. July—September.
F. Walls, Milborne St. Andrew.

AJUGA, L.

A. reptans, L.! Common Bugle.

Bugula, Raii Syn., Ger. em.
C. C. B. p. 271. Syme, E. B. vii. t. 1088.
Pastures and woods; native; common. P. April—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

BALLOTA, L.

B. nigra, L.! Black Horehound.

Ballote, Raii Syn. Marrubium nigrum, Ger. em.
C. C. B. p. 272. Syme, E. B. vii. t. 1065.
Hedge-banks; native; common. P. July—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

LEONURUS, L.

* **L. Cardiaca, L.** Motherwort.

Cardiaca, Ger. em. Marrubium Cardiaca dictum, C. B. Pin.

- C. C. B. p. 546. Syme, E. B. vii. t. 1080. Pult. p. 84.
Hedges and waste places; alien. P. July—September.
G. Church Knowle, *Rev. O. L. Mansel*.
Devon, Somerset, Normandy.

LAMIUM, L.

- L. Galeobdolon, Crantz.!** *Yellow Archangel.*
Lamium luteum, Raii Syn., Ger. em. Galeobdolon luteum, Huds.
C. C. B. p. 272. Syme, E. B. vii. t. 1087. Pult. p. 84.
Hedges and woods; native; common. P. April—June.
A. Melbury Wood; Puncknoll Wood.
D. Ilsington Wood.
E. Melcombe Park; Stourton Caundle; Donclyffe.
F. Clenston Wood; Broadley Wood.
G. Grange Wood; Rempstone.
Devon, Hants, Somerset, Wilts, Normandy.
- L. album, L.!** *White Dead-Nettle.*
Lamium vulgare album, seu Archangelicum flore albo, Park.
C. C. B. p. 273. Syme, E. B. vii. t. 1086.
Hedge-banks and waste ground; native; common. P.
May—November.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- L. amplexicaule, L.!** *Henbit Dead-Nettle.*
Lamium folio caulem ambiente, majus et minus, Raii Syn.
C. C. B. p. 273. Syme, E. B. vii. t. 1081. Pult. p. 84.
Cultivated ground and waste places; native; frequent. A.
April—October.
A. Gorwell.
B. Bradford Abbas, *Prof. Buckman*.
C. Corn-field, Clyffe; Fordington field.
D. Shitterton Farm.
F. Whatcombe Farm; Milborne St. Andrew; Clenston near
the Down-Barn; Winterborne Kingston.
Devon, Isle of Wight, Somerset, Wilts, Normandy.
- L. purpureum, L.!** *Red Dead-Nettle.*
Lamium rubrum minus, foliis profunde incis, Raii Syn.
C. C. B. p. 273. Syme, E. B. vii. t. 1084.
Hedge-banks and waste ground; native; common. A.
February—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

L. incisum, Willd.! *Cut-leaved Dead-Nettle.**L. purpureum, b. With.*

C. C. B. p. 274. Syme, E. B. vii. t. 1083.

Fields and waste ground; native; rare. A. May—September.

B. Bradford Abbas, *Prof. Buckman.*

F. Whatcombe Farm; Upper Houghton Farm.

G. Blackmanston Farm, Steeple.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

GALEOPSIS, L.**G. Ladanum, L.!** *Intermediate Hemp-nettle.**Ladanum segetum quorundam flore rubro, J. B. P.*

C. C. B. p. 274. Syme, E. B. vii. t. 1075. Pult. p. 84.

Corn-fields and waste places; colonist; common. A. July—October.

B. Bradford Abbas, *Prof. Buckman.*C. Corn-fields, Portland, *Mr. G. S. Gibson*; West Lulworth.

D. Chamberlayne's.

E. Bishop's Caundle.

F. Milborne St. Andrew.

G. Blackmanston, Steeple.

Devon, Hants, Somerset, Wilts, Normandy.

G. Tetrahit, L.! *Hemp-Nettle.**Cannabis spuria flore pallido, labro purpureo elegante, Merr., Raii Syn.*

C. C. B. p. 274. Syme, E. B. vii. t. 1078. Pult. p. 84.

Corn-fields and hedge-banks; native; common. A. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

STACHYS, L.**S. Betonica, Benth.!** *Wood Betony.*

C. C. B. p. 275. Syme, E. B. vii. t. 1067.

Heaths and woods; native; common. P. July—November.

A. Hook Park.

B. Bradford Abbas.

C. Banks of the Fleet, Wyke Regis; Portland; Witherston Wood; chalk range between Lulworth and Arish Mill Bay.

D. Chamberlayne's Heath.

E. Short Wood; Donclyffe; Glanville's Wootton.

F. Whatcombe Common; Houghton Wood.

G. Down above Dancing Ledge, Langton Matravers; Kim-eridge Hill.

Devon, Hants, Somerset, Wilts, Normandy.

S. palustris, L.! Marsh Woundwort.*Sideritis Anglica strumosa radice, Raii Syn.*

C. C. B. p. 275. Syme, E. B. vii. t. 1069. Pult. p. 84.

Sides of streams and corn-fields; native; common. P.

July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. ambigua, Sm.!*S. sylvatici-palustris, Syme.*

Probably an hybrid between the hedge and marsh Woundwort.

C. C. B. p. 275. Syme, E. B. vii. t. 1070. Sm. Eng. Bot. No. 2089.

F. Okeford Fitzpaine, lane leading from the village to the Turnworth road.

Devon, Hants, Somerset, Wilts, Normandy.

S. sylvatica, L.! Hedge Woundwort.*Galeopsis legitima Dioscoridis, Park. Galeopsis vera, Ger. em.*

C. C. B. p. 276. Syme, E. B. vii. t. 1071.

Hedge-banks and woods; native; common. P. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. arvensis, L.! Corn Woundwort.*Sideritis humilis lato obtuso folio, Raii Syn., Ger. em.*

C. C. B. p. 276. Syme, E. B. vii. t. 1072. Pult. p. 84.

Cultivated fields; native or colonist; frequent. A. or B.

May—October.

B. Bradford Abbas, Prof. Buckman.

C. Fordington Field; Wool; Arish Mill.

D. Chamberlayne's; Shitterton, Bere Regis.

F. Corn-field, Reformatory School, Milborne; Clenston.

G. Corn-field, Church Knowle; Swanage.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

NEPETA, L.**N. Glechoma, Benth.!** Ground Ivy.*Hedera terrestris, Ger. em. Glechoma hederacea, L.*

C. C. B. p. 276. Syme, E. B. vii. t. 1055.

Hedge-banks, woods and shady places; native; common.

P. March—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

N. Cataria, L.! *Cat-mint.*

Nepeta major vulgaris, Raii Syn. Mentha felina seu cataria, Ger. em.

C. C. B. p. 277. Syme, E. B. vii. t. 1054. Pult. p. 83.

Hedges and waste places; native; rare. P. July—September.

B. Bradford Abbas, in a lane on the east side of East Hill, *Prof. Buckman.*

D. Bere Regis, between the eastern turnpike-gate and the village.

F. Side of the road between Broadley Wood and Bryanston Park-wall.

Devon, Isle of Wight, Somerset, Wilts, Normandy

MARRUBIUM, L.**M. vulgare, L.!** *White Horehound.*

Marrubium album, Raii Syn., Ger. em.

C. C. B. p. 277. Syme, E. B. vii. t. 1064. Pult. p. 84.

Waste places; native; rare. P. July—November.

D. Down near a long plantation between Piddlehinton and Chebbard Farm; Rye Hill, Bere Regis.

G. Down on the south side of the chalk range, Steeple; and under Nine-barrow Down, Rempstone.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

PRUNELLA, L.**P. vulgaris, L.!** *Self-heal.*

Prunella, Raii Syn., Ger. em.

C. C. B. p. 277. Syme, E. B. vii. t. 1059.

Woods, pastures and waste places; native; common. P. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

SCUTELLARIA, L.**S. galericulata, L.!** *Skull-cap.*

Cassida palustris vulgatiior, flore cœruleo, Raii Syn.

Lysimachia galericulata, Ger. em.

C. C. B. p. 277. Syme, E. B. vii. t. 1060. Pult. p. 85.

Marshy places and river-banks; native; frequent, P. July—September.

A. Symondsburv, *Rev. E. Fox.*

B. Bradford Abbas, *Prof. Buckman.*

C. Bestwall, Wareham; Moreton.

- D. Chamberlayne's; Sherford Bridge.
- E. Wood under Hod Hill.
- F. Meadows, Spettisbury; river-side, Verwood.
- G. River-side, Corfe Castle.
- Devon, Hants, Somerset, Wilts, Normandy.

S. minor, L.! Lesser Skull-cap.

Cassida palustris minima, flore purpurascens, Raii Syn.
Gratiola latifolia, Ger. em.

C. C. B. p. 278. Syme, E. B. vii. t. 1061. Pult. p. 85.

Wet heaths and damp sandy places; native; not common.

P. July—October.

- A. Boggy ground, south of Gorwell farm-house; Abbotsbury weirs, *Earl of Ilchester*; Hawkchurch Copse.
- C. Bog between Toller Porcorum and Maiden Newton, *Rev. E. Fox*; Moreton Heath.
- D. Bere Wood; Morden Park; Shitterton Heath.
- G. Studland Heath; Grange Heath.
- Devon, Hants, Somerset, Wilts, Normandy.

BORAGINACEÆ.

MYOSOTIS, Dill.

M. palustris, With.! Water Forget-me-not.

Myosotis scorpioides palustris, Raii Syn., Ger. em.

C. C. B. p. 278. Syme, E. B. vii. t. 1104.

Sides of streams and ditches; native; common. P.

May—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

Var. b. strigulosa, Reich.!

C. C. B. p. 547. Syme, E. B. vii. t. 99.

D. Chamberlayne's.

F. Winterborne Kingston.

M. repens, Don.! Creeping Water Forget-me-not.

C. C. B. p. 278. Syme, E. B. vii. t. 1105.

Ditches and wet places; native; frequent. P. May—September.

- A. Puncknoll; Hawkchurch Wood.
- D. Morden Mill; Chamberlayne's.
- F. Bryanston Park; ditches, Verwood.
- G. Scotland Heath, Studland, *Mr. W. Borrer*; Grange Heath.
- Devon, Hants, Somerset, Wilts, Normandy.

M. cæspitosa, Schultz.! *Tufted Water Forget-me-not.**M. lingulata, Lehm.*

C. C. B. p. 278. Syme, E. B. vii. t. 1103.

Wet places; native; not common. P. June—September.

A. Ponds, Lyme Regis, west side; cross road between Kingston Russell and Ashley.

C. Arish Mill stream; Parkstone, on the road to the Haven.

D. Sherford Bridge.

G. Ponds, Grange.

Devon, Hants, Somerset, Wilts, Normandy.

M. arvensis, Hoffm.! *Field Forget-me-not.**Myosotis scorpioides hirsuta, Raii Syn. Myosotis scorpioides arvensis hirsuta, Ger. em.*

C. C. B. p. 279. Syme, E. B. vii. t. 1108.

Corn-fields, waste ground and woods; native; common.

A. or B. April—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

M. collina, Hoffm.! *Dwarf Forget-me-not.*

C. C. B. p. 279. Syme, E. B. vii. t. 1109.

Heaths, dry banks and walls; native; common. P. or B. April—June.

A. Hedge-banks, Puncknoll; Bexington beach.

B. Bradford Abbas.

C. Knighton.

D. Shitterton Heath.

F. Winterborne Kingston; Whatcombe Common.

G. Banks, Studland; Kimeridge Hill.

Devon, Hants, Somerset, Wilts, Normandy.

M. versicolor, Lehm.! *Yellow and Blue Forget-me-not.**Myosotis scorpioides hirta minor, Raii Syn.*

C. C. B. p. 280. Syme, E. B. vii. t. 1110.

Hedge-banks, dry fields and walls; native; common. A. or B. April—June.

B. Bradford Abbas, *Prof. Buckman.*

D. Bere Wood; hedge-banks, Chebbard, Dewlish.

F. Hedge-banks, Whitchurch; Winterborne Kingston.

G. Kimeridge Bay.

Devon, Hants, Somerset, Wilts, Normandy.

LITHOSPERMUM, Tournef.**L. officinale, L.!** *Common Gromwell.**Lithospermum, seu Milium solis, J. B. P., Raii Syn. Lithospermum minus, Ger. em.*

C. C. B. p. 280. Syme, E. B. vii. t. 1101. Pult. p. 70.
Corn-fields and waste ground; native; rather rare. P.
May—August.

C. Portland, Undercliff, *Rev. H. E. Fox*; hedge between
Radipole and Weymouth.

F. Durweston Mill; Hod Hill Copse; copse between Crawford
and Keyneston, *Rev. J. H. Austen*; hedge, Milborne
St. Andrew, near the Fox-pound.
Devon, Hants, Somerset, Wilts, Normandy.

L. arvense, L.! *Corn Gromwell.*

Buglossum arvense annuum, Lithospermi folio, Raii Syn.

Anchusa degener facie Milii solis, Ger. em.

C. C. B. p. 280. Syme, E. B. vii. t. 1102. Pult. p. 70.
Corn-fields and dry ground; native; frequent. A. April—
October.

B. Bradford Abbas, *Prof. Buckman.*

C. Portland, Southwell corn-fields, *Rev. H. E. Fox.*

F. Eastbury; corn-fields near the Reformatory; Langton Lodge;
Houghton.

G. Corn-fields, South Eggleston; Swyrehead.
Devon, Hants, Somerset, Wilts, Normandy.

SYMPHYTUM, L.

S. officinale, L.! *Common Comfrey.*

Symphytum magnum, J. B. P., Raii Syn. Consolida major,
Ger. em.

C. C. B. p. 281. Syme, E. B. vii. t. 1115.

Sides of streams and damp places; native; common. P.
April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

BORAGO, L.

***B. officinalis, L.!** *Borage.*

Borrage hortensis, Raii Syn., Ger. em.

C. C. B. p. 548. Syme, E. B. vii. t. 1114.

Waste ground; alien; rare. A. or B. July—September.

C. Portland weirs; Holworth Cliff, abundant.

G. Tyneham, *Mr. H. P. B. Norris.*

Devon, Hants, Somerset, Wilts, Normandy.

LYCOPSIS, L.

L. arvensis, L.! *Small Bugloss.*

Buglossa sylvestris minor, Raii Syn. Anchusa arvensis,
Bab.

C. C. B. p. 281. Syme, E. B. vii. t. 1111. Pult. p. 70.
Corn-fields; native; common; especially on the tertiaryaries.
A. or P. June—October.

- A. Bexington, Abbotsbury.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Abbotsbury, *Rev. A. E. Eaton*; Parkstone; waste ground between Lulworth Cove and Durdle-door; Holworth.
- D. Corn-field, Sherford Bridge; Keyworth Farm; Chamberlayne's.
- F. Verwood.
- G. Redcliff near Wareham; Holme; Nordon clay-pits. Devon, Hants, Somerset, Wilts, Normandy.

ANCHUSA, L.

- * A. *sempervirens*, L. † *Evergreen Alkanet*.
Buglossum latifolium semper virens, C. B. P., *Raii Syn*.
C. C. B. p. 282. Syme, E. B. vii. 1113. Pult. p. 70.
Hedges and waste places; alien or denizen; rare. P.
May, June.
- A. Allington on the Lyme road near the turnpike, also between Allington and Broadwinsor, *Rev. E. Fox*.
- F. Hedges, Damary Farm, *Dr. Pulteney*; hedge between Farnham and Cashmore Inn, *Hon. Susan Pitt*; glebe-meadow between Almer Church and Mapperton; also road-side between Mapperton and the World's End, *Rev. C. Torkington*.
Devon, Somerset, Normandy.

CYNOGLOSSUM, Tournef.

- C. *officinale*, L. ! *Hound's tongue*.
Cynoglossum folio virente, *Ger. em*.
C. C. B. p. 282. Syme, E. B. vii. t. 1118.
Waste ground, cliffs and road-sides; native; frequent. B.
or P.? June—September.
- C. Abbotsbury, *Rev. A. E. Eaton*; Holworth cliffs; Portland weirs.
- F. Chace Woods; Langton Lodge; Clenston Wood.
- G. Corfe Castle ruins; rocks, Gadcliff; Tilly Whim; Bradle Down; Flower's Barrow; under walls and in quarries at Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.

PULMONARIA, Tournef.

- P. *angustifolia*, L. ! *Narrow-leaved Lung-wort*.
Pulmonaria foliis echii, *Raii Syn*.
C. C. B. p. 283. Syme, E. B. vii. t. 1097, p. 91
Copses and hedge banks; native; rare. P. February—April.

- C. Oaker's Wood, *Mrs. Mary Frampton*; Heffleton Plantation.
 D. Hedge-bank near the Cock and Bottle, Morden; Chamberlayne's.
 Hants, Normandy.

ECHIUM, *L.**E. vulgare, L.! Viper's Bugloss.*

- C. C. B. p. 283. Syme, E. B. vii. t. 1095.
 Waste ground; native; common. A. or B. June—November.
 B. Bradford Abbas, *Prof. Buckman*.
 C. Holworth Cliffs; Portland weirs; Abbotsbury; Yellowham Hill.
 D. Waste ground, Shitterton; corn-fields, Bere Regis; Cold Harbour.
 F. Park-wall, Bryanston, south side; Chescombe; Horse Copse, Whitechurch; Milborne Wood.
 G. Gadcliff; Langton Matravers.
 Devon, Hants, Somerset, Wilts, Normandy.

PINGUICULACEÆ.

PINGUICULA, *Tournef.**P. vulgaris, L.! Common Butterwort.*

- P. sive sanicula Eboracensis, Ger. em.*
 C. C. B. p. 283. Syme, E. B. vii. t. 1121. Pult. p. 64.
 Huds. Fl. Angl. p. 8.
 Bogs and heaths; native; rare. P. May—July.
 G Bogs in Purbeck, heaths near Poole and Wareham; but very rare, *Dr. Pulteney*; boggy heath on the left hand side of the Stoborough and Arne road, not far from the turn off to Half-way House.
 Devon, Hants, Somerset, Normandy.

P. lusitanica, L.! Pale Butterwort.

- P. flore minore carneo, R. Syn. P. villosa, Huds.*
 C. C. B. p. 284. Syme, E. B. vii. t. 1124. Pult. p. 64.
 Sm. Eng. Fl. 1, p. 28. Huds. Fl. Ang. p. 8.
 Bogs; native; rare. P. ? June—October.
Habitat in palustribus in comitatu Dorsetsiensi, Hudson.
 A. Abbotsbury weirs, *Earl of Ilchester*; boggy ground above Ashley Wood, Gorwell.
 D. Bere Heath near Bloxworth; sides of road, between the upper road from Wareham to Dorchester and Oaker's Wood.
 G. Wareham, Studland and Arne heaths; Creech.
 Devon, Hants, Somerset, Normandy.

UTRICULARIA, L.**U. vulgaris, L.!** *Greater Bladderwort.**Lentibularia, R. Syn.*

C. C. B. p. 284. Syme, E. B. vii. t. 1125 Pult. p. 65.

Ponds, ditches, and pits; native; rather rare. P. June—August.

C. Broomhall Mill, Winfrith, *Dr. Pulteney.*D. Sandford Bridge, *Dr. Pulteney*; ditches, Keyworth, Wareham.

G. Ditches, Stoborough meadow; watercourse between Bestwall Farm and the salt-marsh.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

U. intermedia, Hayne.! *Intermediate Bladderwort.*

C. C. B. p. 284. Syme, E. B. vii. t. 1127.

Ponds and ditches; native; rare. P. July, August.

D. A boggy rivulet between Morden Decoy Pond and Wareham, on the west side of the road.

G. Scotland Heath near Rempstone, *Mr. W. Borrer.*
Hants.**U. minor, L.!** *Lesser Bladderwort.**Millefolium palustre galericulatum minus flore minore, Raii Syn.*

C. C. B. p. 284. Syme, E. B. vii. t. 1126. Pult. p. 65.

Ponds and ditches; native; frequent. P. July, August.

C. Bog, Moreton Heath, on the south side of the Railway.

D. Bogs near the third mile-stone on the Wareham and Bere turnpike; ditches and bogs near Morden Decoy Pond.

F. Ditches near St Leonard's Bridge, between Wimborne and Ringwood; bog near the third mile-stone on the Wimborne and Poole turnpike-road.

G. Stream between Holme and Povington; Arne and Grange Heaths; bog on the east side of the road between Halfway House and Arne.

Isle of Wight, Somerset, Wilts, Normandy.

PRIMULACEÆ.**PRIMULA, L.****P. vulgaris, Huds.!** *Common Primrose.**P. veris minor, Ger. em.*

C. C. B. p. 285. Syme, E. B. vii. t. 1129.

Woods, hedge-banks and meadows; native; common. P. March—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. veris, L.! Cowslip.*P. veris major*, Ger. em. *P. officinalis*, With.

C. C. B. p. 285. Syme, E. B. vii. t. 1130.

Banks, meadows, pastures and downs; native; common.

P. April, May.

Devon, Hants, Somerset, Wilts, Normandy.

Var. b. P. officinali-vulgaris, Syme.! Common Oxlip.*P. variabilis*, Goup. Gren. et Godr. *Fl. de Fr.* vol. ii. p. 448. *P. vulgaris, b. caulescens*, Bab.

C. C. B. p. 549. Syme, E. B. vii. t. 1132, 1133. Bab. Man. p. 277.

This plant is frequent in the cowslip and primrose districts; it is doubtless an hybrid between the two, and is never found in districts inhabited by only one of the species.

Previous to 1842 it was confounded by British botanists with Jaquin's Oxlip. *P. elatior*, Jacq.

Devon, Hants, Somerset, Wilts, Normandy.

HOTTONIA, L.**[H. palustris, L. Water Violet.***Millefolium aquaticum*, seu *Viola aquatica caule nudo*, C. B. Pin.

C. C. B. p. 286. Syme, E. B. vii. t. 1128. Pult. p. 71. Salter's List.

Ditches and ponds; native; rare. P. June.

C. In a bog pool between Wimborne and Poole, *Dr. Pulteney*.G. Ditches in Purbeck and about Wareham. *Dr. Pulteney*; in watery places near Wareham, *Dr. Salter*.]

Somerset, Hants, Wilts, Normandy.

LYSIMACHIA, L.**L. vulgaris, L.! Common Loosetrife.***Lysimachia lutea*, Ger. em.

C. C. B. p. 286. Syme, E. B. vii. t. 1141. Pult. p. 71.

Damp places and by the sides of rivers; native; frequent.

P. July, August.

A. Prestwood, near Bridport, *Dr. Pulteney*; Hook Park.

C. East Stoke.

D. Piddletown Mills; Morden Park, *Dr. Pulteney*; Springfield Copse, Bere Regis; Chamberlayne's; Hyde.

E. Banks of Stour, Sturminster Newton.

F. River-side between Blandford and Durweston, *Dr. Pulteney*; bushy places at Uddens and Verwood.

G. River-side, Frome; Wareham.

Devon, Hants, Somerset, Wilts, Normandy.

L. nemorum, L.! *Yellow Pimpernel.**Anagallis lutea, Ger. em., Raii Syn.*

C. C. B. p. 287. Syme, E. B. vii. t. 1145. Pult. p. 71.

Moist woods and hedge-banks; native; common. P.

May—November.

A. Hawkchurch; Gorwell; Wootton Fitzpaine; Hook Park.

C. Moreton Heath.

D. Bere Wood; Springfield Copse.

E. Piddle Wood, Sturminster Newton.

F. Chace Woods; Henbury; Clenston Wood.

G. Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

S. nummularia, L.! *Moneywort.**Nummularia major lutea, C. B. Pin.*

C. C. B. p. 287. Syme, E. B. vii. t. 1144. Pult. p. 71.

Damp meadows; native; not common. P. May—August.

C. Damp places, Sutton Pointz.

E. Meadow below Piddle Wood, Sturminster Newton.

F. Crown meadow, Blandford, *Dr. Pulteney*; meadows, Durweston; Sturminster Marshall; West Parley.

G. Wet ditches, Corfe Castle.

Devon, Hants, Somerset, Wilts, Normandy.

ANAGALLIS, Tournef.**A. arvensis, L.!** *Scarlet Pimpernel.**Anagallis flore phæniceo, C. B. Pin.*

C. C. B. p. 287. Syme, E. B. vii. t. 1146.

Cultivated fields and waste places; colonist; common. A.

June—September.

Generally distributed.

Var. b. cærulea, Sm.! *Blue Pimpernel.**Anagallis femina, Ger. em. Anagallis flore cæruleo; Park.*

C. C. B. p. 550. Syme, E. B. vii. t. 1147. Sm. Eng. Bot. ed. i. No. 1823.

B. Bradford Abbas, *Prof. Buckman.*

F. Cultivated land near Peter's Finger, public-house, Litchet; Upper Houghton farm.

G. Gadcliff, *Rev. O. L. Mansel.*

Devon, Isle of Wight, Somerset, Wilts, Normandy.

A. tenella, L.! *Bog Pimpernel.**Nummularia minor flore purpurascens, Ger. em.*

C. C. B. p. 288. Syme, E. B. vii. t. 1148. Pult. p. 71.

Bogs and wet places; native; common on the heaths. P.

June—August.

- C. Abbotsbury weirs, *The Earl of Ilchester*; Moreton Heath.
 - D. Marshy ground, Roke, Bere Regis; bogs, Bloxworth and Morden Heaths.
 - F. Near the Stour at Spettisbury, *Dr. Pulteney*; meadows, Witchampton; Uddens and Verwood Heaths.
 - G. Wareham and Studland Heaths; Corfe Common; South Haven; cliffs, Worbarrow Bay; marshy ground above Dancing Ledge, Langton Matravers.
- Devon, Hants, Somerset, Wilts, Normandy.

CENTUNCULUS, L.

- C. minimus, L. ! *Bastard Pimpernel.*
Centunculus, Dillen. in *Raii Syn.*
 Dillenius seems to have first noticed this plant in England.
 C. C. B. p. 288. Syme, E. B. vii. t. 1149. Pult. p. 69.
 Salter's list.
 Damp places on the heaths; native; rare. A. June, July.
- C. Poole Heath, *Dr. Pulteney*; wet heaths, Parkstone, *Dr. Salter*.
 - D. Damp sandy places near the third mile-stone between Wareham and Bere Regis.
 - F. Near the road-side, midway between Wimborne and Poole, *Dr. Pulteney*.
 - G. Studland, *Dr. Salter*, 1841.
- Devon, Hants, Isle of Wight, Normandy.

SAMOLUS, Tournef.

- S. Valerandi, L. ! *Brookweed.*
Anagallis aquatica rotundifolia, Ger. em.
 C. C. B. p. 288. Syme, E. B. vii. t. 1151. Pult. p. 72.
 Wet places especially near the sea; native; uncommon. P.
 July—October.
- A. Near Bridport, *Dr. Pulteney*; West Bexington, close to the beach; cliffs, Lyme Regis.
 - B. Bradford Abbas, Water meadows, *Prof. Buckman*.
 - C. Banks of the Wey between Radipole and Corfe Hill; Preston, *Mr. W. B. Barrett*; Undercliff, Portland; cliffs, Sandfoot Castle; ditches, Lodmoor.
 - D. Heaths, Sandford Bridge, *Dr. Pulteney*; Tolpiddle, *Mr. H. P. B. Norris*; Marshy ground, Keysworth near Wareham; Roke Marsh, Bere Regis.
 - G. Cliff, Punfield; Worbarrow Bay; Gadcliff; South Haven; Clavell's Hard, Kimeridge; Wych.
- Devon, Hants, Somerset, Wilts, Normandy.

GLAUX, Tournef.**G. maritima, L.!** *Black Saltwort.*

C. C. B. p. 288. Syme, E. B. vii. t. 1150. Pult. p. 72.
Sandy shores and salt-marshes; native; common. P. June,
July.

A. Bridport Harbour.

C. Between Sutton and Weymouth, *Rev. E. Binfield*; Weymouth, marshes near the backwater, *Mr. G. S. Gibson*; Fleet between Wyke and Abbotsbury; Radipole.

F. Shore from Poole to the Haven.

G. Arne; Studland; Swanage.

Devon, Hants, Somerset, Normandy.

PLUMBAGINACEÆ.**ARMERIA, Willd.****A. maritima, Willd.!** *Common Thrift or Sea Gilliflower.*

Statice montana minor, Raii Syn. Statice Armeria, L.

C. C. B. p. 289. Syme, E. B. vii. t. 1152.

Rocks, pastures and salt marshes; native; frequent. P.
June—August.

A. Burton Bradstock; Bexington beach.

C. Cliff, Sandsfoot Castle; banks of backwater, Weymouth; Portland near the Bill and on the Chesil Bank; salt-marshes, Poole.

G. Grassy cliffs, Kimeridge.

Devon, Isle of Wight, Somerset, Normandy.

STATICE, L.**S. Limonium, L.!** *Great Sea-Lavender.*

Limonium maritimum majus, C. B. Pin.

C. C. B. p. 289. Syme, E. B. vii. t. 1156. Pult. p. 75.

Muddy salt-marshes; native; uncommon. P. July, August.

C. Lulworth and Portland; shore of Poole Harbour, *Dr. Pulteney*; Swannery, Abbotsbury, *Mrs. M. Frampton*; shore, North Haven; salt-marshes, Ham.

G. Swanage, *Dr. Pulteney*; Arne.

Devon, Isle of Wight, Somerset, Normandy.

S. binervosa, G. E. Sm.! *Lesser Sea-Lavender.*

S. occidentalis, Lloyd.

C. C. B. p. 289. Syme, E. B. vii. t. 1159, p. 163. Bab.

Man. p. 281. Phyt. iii. p. 265.

Rocks, cliffs and margin of brackish ditches; native; rare.

P. July—September.

- C. Durdle Door, *Mr. J. Woods*; clefts of rocks at Bow and Arrow Castle, Portland, *Mr. W. B. Barrett*; and plentifully on the cliffs near Portland Bill.
- G. Worbarrow Bay and Gadcliff.
Devon, Somerset, Normandy.
- S. Dodartii, Gir.**
C. C. B. p. 551. Syme, E. B. vii. t. 1160. Bab. Man. p. 280.
- C. Rocky shores, Portland, *Mr. C. C. Babington*.
Normandy.

PLANTAGINACEÆ.

PLANTAGO, L.

- P. major, L.! Greater Plantain.**
P. latifolia, Ger. em. *P. latifolia sinuata*, C. B. Pin.
C. C. B. p. 290. Syme, E. B. vii. t. 1162.
Waste places; native; very common. P. May—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- P. media, L.! Hoary Plantain.**
P. major incana, Raii Syn., Park.
C. C. B. p. 290. Syme, E. B. vii. t. 1163.
Waste places and pastures; native; very common. P.
April—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- P. lanceolata, L.! Common Rib-grass.**
Plantago rosea spicata, Ger. em.
C. C. B. p. 290. Syme, E. B. vii. t. 1164.
Meadows, pastures and waste places; native; common. B.
or P. April—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- P. maritima, L.! Sea Plantain.**
Coronopus, Ger. em. *P. marina*, Raii Syn.
C. C. B. p. 291. Syme, E. B. vii. 1166. Pult. p. 69.
Salt-marshes and banks near the sea; native; frequent.
P. June—September.
A. Bridport Harbour; marsh, West Bexington.

C. Lodmoor; railway-embankment, Weymouth; Fleet, Abbotsbury; Portland.

G. Kimeridge Bay; Wych.

Devon, Isle of Wight, Somerset, Normandy.

P. Coronopus, L.! *Bucks-horn Plantain.*

Plantago foliis laciniatis, Coronopus dicta, Raii Syn.

C. C. B. p. 291. Syme, E. B. vii. t. 1168. Pult. p. 69.

Waste places; native; frequent. B. March—September.

A. Bridport Harbour.

C. Nothe Hill, Weymouth; Sandsfoot Castle; Backwater, Weymouth, *Mr. W. B. Barrett.*

D. Waste places near the third mile-stone between Wareham and Bere Regis; *Oaker's Wood.*

F. Sandy ground between Holt and The Cross Keys.

G. Gadcliff; Kimeridge; Cocknowle.

Devon, Hants, Somerset, Wilts, Normandy.

LITTORELLA, L.

L. lacustris, L.! *Plantain Shore-weed.*

Plantago palustris gramineo folio monanthos, Parisiensis, Raii Syn.

C. C. B. p. 291. Syme, E. B. vii. t. 1169. Pult. p. 96.

First mentioned by Ray.

Margins of lakes and ponds; native; rare. P. June.

D. Near Sherford Bridge and Sandford Bridge, and between Woodbury and Wareham, *Dr. Pulteney*; Morden Park Lake and margin of The Decoy Pond.

F. Not far from the two-mile-stone going from Wimborne to Poole, *Dr. Pulteney.*

G. Studland shore, *Mr. W. Borrer.*

Devon, Hants, Somerset, Normandy.

CHENOPODIACEÆ.

CHENOPODIUM, L.

C. olidum, Curt.! *Stinking Goosefoot.*

Blitum fetidum Vulvaria dictum, Raii Syn. Atriplex olida, Ger. em. Chenopodium Vulvaria, L.

C. C. B. p. 291. Syme, E. B. viii. t. 1187. Salter's list.

Road-sides; waste places; native; rare. A. August.

A. Burton Bradstock, on the cliff meadow.

C. At the foot of the walls in the streets of Poole, *Dr. Salter*; road-side near Franchise Street, Weymouth, *Mr. W. B. Barrett.*

G. Sands, South Haven.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

- C. polyspermum, L.!** *Many-seeded Goosefoot.*
Atriplex sylvestris, sive Polyspermum, Ger. em.
 C. C. B. p. 292. Syme, E. B. viii. t. 1185. Pult. p. 73.
 Cultivated ground; native; rare. A. June—October.
 A. Hemp-fields between Bridport and Loders, *Dr. Pulteney*;
 cultivated fields, Wootton Fitzpaine.
 D. Shitterton Farm, Bere Regis.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. rubrum, L.!** *Red Goosefoot.*
Atriplex sylvestris latifolia, sive pes anserinus, Ger. em.
 C. C. B. p. 292. Syme, E. B. viii. t. 1196.
 Rich cultivated ground and manure heaps; native; rare.
 A. August, September.
 D. Waste and cultivated ground, one mile from Wareham on
 the road to Bere Regis; Shitterton Farm.
 G. Marshy ground near Mr. Pike's wharf, Redcliff, Wareham.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.
- C. murale, L.!** *Nettle-leaved Goosefoot.*
Atriplex sylvestris latifolia altera, Ger. em.
 C. C. B. p. 293. Syme, E. B. viii. t. 1192. Phyt. i.
 736.
 Cultivated land and under walls; native; rare. A.
 August, September.
 C. Road-side near Sandsfoot Castle; Buxton's Lane, Wyke
 Regis, *Mr. W. B. Barrett*; Weymouth, *Mr. G. S.*
Gibson.
 F. Waste ground, Milborne St. Andrew.
 G. Waste places, Stoborough; Swanage.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.
- C. hybridum, L.!** *Maple-leaved Goosefoot.*
Chenopodium Stramonii folio, Raii Syn.
 C. C. B. p. 293. Syme, E. B. viii. t. 1193. Pult. p. 73.
 Salter's List.
 Cultivated ground and manure-heaps; native; rare. A.
 August.
 C. Waste ground near Poole, *Dr. Pulteney*; abundantly in a
 garden at Poole, *Dr. Salter*, 1837.
 F. Corn-fields at Blandford, *Dr. Pulteney*.
 Somerset, Wilts, Normandy.
- C. urbicum, L.** *Upright Goosefoot.*
*Chenopodium erectum foliis triangularibus dentatis, spicise
 foliorum alis plurimis longis, erectis, tenuibus, Dill. in
 Raii Syn.*

- C. C. B. p. 292. Syme, E. B. viii. t. 1194. Salter's List.
Recently disturbed waste lands and damp places; native;
rare. A. August, September.
- C. Portland, refuse-heaps at Fortune's Well, *Rev. H. Fox*.
Devon, Hants, Somerset, Wilts, Normandy.
- C. album, L. ! White Goosefoot.**
Atriplex sylvestris vulgaris, *Ger. em.*
C. C. B. p. 293. Syme, E. B. viii. t. 1188.
Cultivated ground and waste places; native; common. A.
July—September.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- [**C. ficifolium, L. Fig-leaved Goosefoot.**
Blitum ficus folio, *Dillen. in Raii Syn.*
C. C. B. p. 293. Syme, E. B. viii. t. 1191. Salter's List.
Phyt. i. p. 736.
Cultivated ground and waste places; native; rare. A.
April—September.
- C. Near the Backwater, Weymouth (very rare), *Mr. G. S. Gibson*.
Normandy.]
- C. glaucum, L. Ash-leaved Goosefoot.**
Chenopodium angustifolium laciniatum minus, *Dillen. in Raii Syn.*
C. C. B. p. 294. Syme, E. B. viii. t. 1195. Pult. p. 73.
Manure heaps and cultivated ground; native? rare. A.
August.
The plant labelled *C. glaucum* in Pulteney's Herbarium at
the British Museum is *C. ficifolium*.
- F. On a manure heap near Blandford for two years successively,
but lost the third year, *Dr. Pulteney*.
Isle of Wight, Normandy.
- C. Bonus Henricus, L. ! Allgood.**
Blitum perenne Bonus Henricus dictum, *Raii Syn.*
C. C. B. p. 294. Syme, E. B. viii. t. 1199.
Waste places near villages; native; frequent. P. May,
June.
- A. Bexington, *Rev. E. A. Eaton*.
B. Bradford Abbas near the mill, *Prof. Buckman*.
D. Affiddle, *Mr. H. P. B. Norris*; Bere Regis under the
church-yard wall.
E. Tollard Royal.

- F. Blandford St. Mary near The Manor House, *Mr. J. W. Green*; walls near Crichel House; Winterbourne Kingston; between Sturminster Marshall and the river.
- G. Wareham; Creech; Worth Matravers, in a field south of the village.
- Devon, Isle of Wight, Somerset, Wilts, Normandy.

OBIONE, Gaert.

- O. portulacoides**, Moq.! *Sea Purslane.*
Halimus seu Portulaca marina, C. B. Pin.
 C. C. B. p. 294. Syme, E. B. viii. t. 1208. Pult. p. 98.
 Turner's Herbal, pt. i. fol. 50.
 Salt-marshes and waste places by the sea; native; not common. Sh. July, August.
- C. North side of Chesil-Bank, *Rev. J. Jones*; salt-marsh below Portland Castle. *Rev. H. E. Fox*; sandy ground between the Ferry-bridge and Portland; backwater, Weymouth; Swannery, Abbotsbury.
- G. "I found the same herbe of late besyde Ile of Porbek,"
Turner; Wych, Poole Harbour.
 Devon, Isle of Wight, Somerset, Normandy.

ATRIplex, L.

- A. arenaria**, Woods.! *Frosted Sea Orache.*
A. maritima laciniata, C. B. Pin. *A. marina*, Ger. em.,
Raii Syn.
 C. C. B. p. 295. Syme, E. B. viii. t. 1207, p. 34. Pult.
 p. 98.
 Sandy and shingly shores; native; not common. A.
 June—August.
- A. Shore, Lyme Regis and West Bexington.
- G. Kimeridge Bay, South Haven, Swanage and Studland Bays.
 Devon, Isle of Wight, Somerset, Normandy.
- A. Babingtonii**, Woods.! *Babington's Orache.*
A. rosea, Bab. *A. patula*, var. c. Sm. Eng. Fl.
 C. C. B. p. 295. Syme, E. B. viii. t. 1206.
 Sandy and shingly shores; native; not common. A. June—
 August.
- A. Chesil-Beach, Bexington.
- C. Chesil-Beach, Portland, *Rev. H. E. Fox*; sand-banks,
 Poole Harbour, and near the Salt Pans, Parkstone, *Dr.*
Salter, 1837; backwater, Weymouth.
 Devon, Isle of Wight, Somerset, Normandy.

A. deltoidea, Bab. *Triangular-leaved Orache.*

C. C. B. p. 554. Syme, E. B. viii. t. 1204. Bab. Man. p. 289.

Cultivated and waste ground; native; common. A. June—August.

Generally distributed.

Var. b. A. triangularis, Willd.!

Syme, E. B. viii. p. 31. Bab. Man. p. 289.

Sea-coast; native; frequent. A. June—August.

A. Sea-shore, Charmouth.

C. Lulworth Cove.

G. Sea-shore, Swanage; Kimeridge.

Devon, Hants, Somerset, Wilts, Normandy.

A. hastata, L.! *Hastate-leaved Orache.*

A. patula, Sm. A. Smithii, Syme.

C. C. B. p. 554. Syme, E. B. viii. t. 1205. Sm. Eng. Bot. No. 936.

Cultivated ground and waste places; native; common. A. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

A. angustifolia, Sm.! *Narrow-leaved Orache.*

Atriplex sylvestris angustifolia, Ger. em.

C. C. B. p. 295. Syme, E. B. viii. t. 1202. Bab. Man. p. 289.

Cultivated ground and waste places; native; common. A. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

A. erecta, Huds.!

C. C. B. p. 296. Syme, E. B. viii. t. 1203. Huds. Fl. Angl. ed. i. p. 376. Bab. Man. p. 289 (in part).

Cultivated ground; native; rare. A. June—October.

Mr. Hewitt C. Watson remarks on this plant in the Supplement to his *Cybele Britannica*, p. 554, that "Dr. Boswell Syme in English Botany unites the *angustifolia* of Smith and the *erecta* of English botanists generally, as two varieties under the specific name of *Atriplex patula, L.* He there distinguishes a third variety, one of very vigorous growth, to which he would specially restrict the name of *erecta, Huds.* This was found in Twickenham, 1867, and "at the entrance of Battersea Fields from Nine Elms" many years back. In 1869 I found the same variety in a potato field between Fleet and Farnborough Stations,

but not quite so luxuriant as the Twickenham plants, or as some of those plants. In turn the Hants examples were more luxuriant in growth than specimens of so-labelled *erecta* received from other counties; and hardly separable from these last by any character other than that of size or vigour in growth. Dr. Syme would distinguish Hudson's *erecta* from Babington's *deltoidea* by the leaves, "wedge-shaped at the base, with the cusps ascending." But Professor Babington's figure of his *prostrata* (placed under *deltoidea* by Dr. Syme) shows us nearly such a leaf as described in the words quoted. I believe it to be a very rare plant in this county, having observed it only in a cultivated field in the neighbourhood of Wareham in October, 1867, where it was growing luxuriantly and plentifully.

D. Corn-fields, one mile from Wareham on the Bere Regis road.

A. littoralis, L.! *Grass-leaved Sea Orache.*

C. C. B. p. 296. Syme, E. B. viii. t. 1200. Phyt. i. p. 736. Pult. p. 98.

Salt-marshes; native; frequent. A. August, September.

C. Lodmoor.

G. Wych.

Hants, Normandy.

BETA, Tournef.

B. maritima, L.! *Sea-Beet.*

B. sylvestris maritima, C. B. Pin.

C. C. B. p. 296. Syme, E. B. viii. t. 1184. Pult. p. 73.

First noticed as indigenous by Johnson.

Banks of brackish ditches and waste places by the sea; native; frequent. P. April—September.

A. Sea-shore, Burton Bradstock.

C. Fleet below Wyke Regis; Portland north side of Chesil-Bank, *Dr. Pulteney*; Lulworth Cove, *Withering*.

G. Kimeridge Bay; shore, St. Alban's Head.

Devon, Hants, Somerset, Normandy.

SALSOLA, "L." Gaert.

S. Kali, L.! *Prickly Saltwort.*

Kali spinosum cochleatum, C. B. Pin., *Raii Syn.*

C. C. B. p. 296. Syme, E. B. viii. t. 1180. Pult. p. 73.

On sandy sea-shores; native; not common. A. July, August.

C. Chesil-Bank; North shore, Branksea; Smallmouth Sands.

G. Kimeridge, Studland and Swanage Bays; South Haven.

Devon, Isle of Wight, Somerset, Normandy.

SUÆDA, Forsk.**S. maritima, Dum.!** *Annual Seablite.*

Blitum Kali minus album dictum, Ger. em. Chenopodium maritimum, L.

C. C. B. p. 297. Syme, E. B. viii. t. 1179. Pult. p. 73.

Salt-marshes; native; frequent. A. July—September.

A. West Bexington.

C. Weymouth; Portland; Chesil-Bank, *Dr. Pulteney*; salt-marshes, Lodmoor; Fleet, Abbotsbury.

G. Swanage, *Dr. Pulteney*; salt-marsh, Wych. Devon, Isle of Wight, Somerset, Normandy.

S. fruticosa, Forsk.! *Shrubby Seablite.*

Blitum fruticosum maritimum, Vermicularis frutex dictum, Raii Syn. Salsola fruticosa, L.

C. C. B. p. 297. Syme, E. B. viii. t. 1178. Raii. Syn., p. 157. Pult. p. 73. Phyt. i. p. 736. Sm. Eng. Fl. ii. p. 18.

Sandy and shingly coasts; native; very rare. Sh. July.

C. Found by the celebrated Sir Thomas Brown, M.D., in Portland island and the coast of Dorsetton Bay, *Mr. Ray*. Plentiful on Chesil-Bank, opposite Fleet House; Windmill Point, Poole, and elsewhere on the coast, *Dr. Pulteney*; North shore of the Fleet opposite Wyke Regis.

[Devon, Somerset,] Normandy.

SALICORNIA, Tournef.**S. herbacea, L.!** *Common Marsh Samphire.*

S. myosuroides procumbens, sirculis longissimis, Raii Syn.

C. C. B. p. 297. Syme, E. B. viii. t. 1181. Pult. p. 63.

Turn. Herb. iii. 38. Raii Syn. p. 1373.

Muddy salt-marshes; native; frequent. A. August, September.

C. Found in a little salt-marsh on the east side of Poole, *Dr. Stonestreet*; Lodmoor; backwater, Weymouth; Fleet, Abbotsbury.

G. Wych; South Haven.

Devon, Isle of Wight, Somerset, Normandy.

S. radicans, Sm. *Creeping Marsh Samphire.*

S. Europæa, Hudson. Kali geniculatum perenne fruticosius procumbens, Raii Syn. S. fruticosa, Sm.

C. C. B. p. 297. Syme, E. B. viii. t. 1183. Sm. Eng. Fl. i. p. 3. Phyt. i. p. 866.

Muddy and shingly salt-marshes; native; very rare. Sh. September.

- C. Weymouth, *Mr. Yalden*, in *Mr. Lightfoot's* herbarium, *Sir J. E. Smith*; found abundantly on the ground recently reclaimed from the backwater, Weymouth, *Dr. T. Bell Salter*; Chesil-Bank near Portland, *Mr. H. Groves*.

Hants, Normandy.

POLYGONACEÆ.

POLYGONUM, *L.*

P. Bistorta, L.! *Common Bistort.*

Bistorta major, *Raii Syn.*, *Ger. em.*

C. C. B. p. 298. Syme, E. B. viii. t. 1243. Pult. p. 78.
Woods and meadows; native; frequent. P. June.

A. Monckton Wyld, *Mr. L. Lester*.

B. Sherborne, *Dr. Pulteney*.

C. Meadows, Moreton, *Dr. Pulteney*; Minterne.

D. Bingham's Melcombe; Turner's Piddle.

E. Shillingston.

F. Meadows, Sturminster Marshall, *Dr. Pulteney*; Spettisbury.

G. Creech meadow, *Rev. O. L. Mansel*; Stoborough meadows.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

P. amphibium, L.! *Amphibious Bistort.*

Potamogeton seu fontalis Persicariæ foliis, *J. B. P. Fontalis major longifolia*, *Park*.

C. C. B. p. 298. Syme, E. B. viii. tt. 1241, 1242. Pult. p. 78.

Waste places, cultivated fields, marshes, ponds and ditches;
native; common. P. July—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. lapathifolium, L.! *Glandular Persicaria.*

Persicaria mitis major, foliis pallidioribus, *Bobarti, Raii Syn.*

C. C. B. p. 298. Syme, E. B. viii. t. 1239.

Cultivated ground and wet waste places; native; common.

A. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. Persicaria, L.! *Spotted Persicaria.*

Persicaria latifolia geniculata, caulibus maculatis, *Dillen. in Raii Syn.*

C. C. B. p. 299. Syme, E. B. viii. tt. 1237, 1238.

Damp places and cultivated ground; native; common. A.
June—September.

Devon, Hants, Somerset, Wilts, Normandy.

P. mite, Schrank.! *Lax-flowered Persicaria.*

C. C. B. p. 299. Syme, E. B. viii. t. 1236.

Wet places, especially by the sides of rivers; native; rare.

A. August, September.

D. Burleston meadows.

Devon, Hants, Normandy.

P. Hydropiper, L.! *Water Pepper.**Persicaria vulgaris acris seu hydropiper, C. B. Pin., Raii Syn.*

C. C. B. p. 299. Syme, E. B. viii. t. 1234.

Ditches and wet places; native; common. A. August—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. minus, Huds. *Small Persicaria.*

C. C. B. p. 299. Syme, E. B. viii. t. 1235. Pult. p. 78.

Marshes and wet places; native; rare. A. September.

F. Between the turnpike and Corfe Mullen Church, *Rev. E. Binfield.*

Isle of Wight, [Somerset,] Normandy.

P. aviculare, L.! *Common Knotgrass.**Polygonum mas vulgare, Ger. em.*

C. C. B. p. 300. Syme, E. B. viii. tt. 1229—1231.

Corn-fields, cultivated fields and waste ground; native; common. A. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. Raii, Bab.! *Ray's Knotgrass.*

C. C. B. p. 300. Syme, E. B. viii. t. 1232.

Sandy sea-shores; native; frequent. A. or B. October.

A. Lyme Regis; Charmouth.

C. Chesil-Bank, Portland.

G. Kimeridge and Swanage Bays.

Devon, Isle of Wight, Somerset, Normandy.

P. Convolvulus, L.! *Climbing Buckwheat.**Convolvulus minus semine triangulo, C. B. Pin. Fegopyrum scandens sylvestre, Raii Syn.*

C. C. B. p. 300. Syme, E. B. viii. t. 1227.

Cultivated ground and waste places; native; common. A. July—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. dumetorum, L.! *Copse Buckwheat.*

C. C. B. p. 301. Syme, E. B. viii. t. 1228.

In hedges and thickets; native; very rare. A. July—September.

A. Bushy places, Ensbury, *Rev. J. H. Austen*.
Devon, Hants, Somerset, Wilts, Normandy.**RUMEX, L.****R. Hydrolapathum, Huds.!** *Great Water Dock.**Lapathum maximum aquaticum sive hydrolapathum, J. B.**P. Hydrolapathum magnum, Ger. em. Rumex aquaticus, L.*

C. C. B. p. 301. Syme, E. B. viii. t. 1220. Pult. p. 77.

Ditches, streams and ponds; native; common. P. May—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. crispus, L.! *Curled Dock.**Lapathum folio acuto crispo, C. B. Pin., Raii Syn.*

C. C. B. p. 301. Syme, E. B. viii. t. 1218.

Road-sides, ditches and waste places; native; common.

P. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. pratensis, Mert et Koch.! *Meadow Dock.*

C. C. B. p. 302. Syme, E. B. viii. t. 1216.

By road-sides, waste ground and cultivated places; native; rare. P. July—November.

G. Many places in Purbeck, *Mr. W. Borrer*; Kimeridge Cow-leaze.

Isle of Wight.

R. obtusifolius, "L." Syme.! *Broad-leaved Dock.**Lapathum vulgare, folio obtuso, J. B. P., Raii Syn.*

C. C. B. p. 302. Syme, E. B. viii. t. 1215.

Waste ground and cultivated places; native; common. P. May—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. sanguineus, L.! *Bloody-veined Dock.**Lapathum folio acuto rubente, C. B. Pin., Raii Syn.*

C. C. B. p. 556. Syme, E. B. viii. p. 42.

Road-sides and hedge-banks; native; rare. P. June, July.

F. Longthorns.

Var. b. *R. viridis*, Koch.!*Lapathum viride*, Dillen. in Raii Syn. *Rumex viridis*, Sibth.*R. nemorosus*, Schrad.

C. C. B. pp. 302, 557. Syme, E. B. viii. t. 1211.

Woods and shady places; native; frequent. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. conglomeratus, Mur.! *Sharp Dock.*

C. C. B. B. p. 302. Syme, E. B. viii. t. 1210.

Ponds and wet meadows; native; common. P. July—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

R. pulcher, L.! *Fiddle Dock.**Lapathum pulchrum Bononiense sinuatum*, J. B. P.

C. C. B. p. 303. Syme, E. B. viii. t. 1214. Pult. p. 77.

Phyt. i. 736.

By road-sides and waste places, generally found in chalky and sandy districts; native; frequent. B. or P. August.

C. Chickerel; Lulworth Cove; Portland; Weymouth.

D. Burleston; Bere Regis.

F. Enclosures about Langton, Dr. Pulteney; Winterbourne Whitchurch.

G. Corfe Castle.

Devon, Hants, Somerset, Wilts, Normandy.

R. maritimus, L. *The Golden Dock.**Lapathum folio acuto, flore aureo*, C. B. Pin., Raii Syn.

C. C. B. p. 303. Syme, E. B. viii. t. 1212. Pult. p. 77.

Wet places; native; rare. B. July, August.

G. Poole and Wareham, Dr. Pulteney.

Devon, Somerset, Normandy.

***Rumex palustris*, Sm.** *Yellow Marsh Dock.**Lapathum aureum* Petiv., Raii Syn. *Hydrolapathum minus*, Ger. em.

C. C. B. p. 313. Syme, E. B. viii. t. 1213.

Wet places; native; rare. B. August—October.

I have never seen this plant. Mr. H. C. Watson has entered it in his Topographical Botany, part i. p. 345, 1873, as having been found in this county, on the authority of Mr. Bloxam.

Somerset, Normandy.

R. Acetosa, L.! Common Sorrel.

Lapathum acetosum vulgare, *Raii Syn.* *Acetosa vulgaris*, *Park.*

C. C. B. p. 303. Syme, E. B. viii. t. 1223.

Meadows, pastures and woods; native; common. P. April—July.

Generally distributed.

Devon, Hants, Somerset. Wilts, Normandy.

R. Acetosella, L.! Sheep's Sorrel.

Lapathum acetosum repens lanceolatum, *C. B. Pin.* *Oxalis tenuifolia*, *Ger. em.*, *Raii Syn.*

C. C. B. p. 304. Syme, E. B. viii. t. 1224.

Heaths and pastures; native; common. P. April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

THYMELÆACEÆ.**DAPHNE, L.****D. Laureola, L.! Spurge Laurel.**

Laureola, *Raii Syn.*

C. C. B. p. 304. Syme, E. B. viii. tt. 1246, 1247. Pult. p. 78. Turner's Herb. i. 197.

Woods and thickets; native; rare. Sh. February, March.

A. Bridehead Rookery, *Rev. A. E. Eaton*; Symondsburry; Mapperton; *Rev. E. Fox*.

B. Bradford Abbas, Cliff Wood and the Rectory Copse; *Prof. Buckman*.

D. Morden; *Almer, Dr. Pulteney*.

E. Cranborne Chase; Sturminster Newton; *Dr. Pulteney*; Glanville's Wootton, *Mr. J. C. Dale*.

F. Bryanston Park; hedge on the road-side near Whitchurch, on the Blandford and Dorchester turnpike.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

***D. Mezereum, L. Mezereon.**

Chamaelea Germanica sive Mezereon, *Ger. em.*

C. C. B. p. 305. Syme, E. B. viii. t. 1246. Pult. p. 78. Withering, p. 467.

Woods; alien or denizen; rare. Sh. February—March.

A. Hook Park, *Rev. E. Fox*.

F. Several parts of Cranborne Chase; Langton Copse; hedge-rows at Eastbury, *Dr. Pulteney*.

Devon, Hants, Somerset, Wilts, Normandy.

SANTALACEÆ.**THESIUM, L.**

- T. humifusum, D C.!** *Bastard Toad-flax.*
Linaria adulterina, Raii Syn., Ger. em.
 C. C. B. p. 305. Syme, E. B. viii. t. 1248. Pult. p. 73.
 Phyt. i. 736.
 On grassy banks and downs; native; rare. P. June—October.
 C. Cliffs by Sandsfoot Castle, *Mr. G. S. Gibson*; sandy field on the main land near the Ferry Bridge, Wyke Regis, *Rev. H. E. Fox.*
 F. Hod Hill; Hambledon Hill; Race Down, Pimperne; Nutford-Field, *Dr. Pulteney*; Deverill Down; rough ground on Whitchurch Farm near the Reformatory.
 G. Down above the cliff, Dancing Ledge, *Mr. W. Borrer*; Seacombe Down.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.

EUPHORBIACEÆ.**EUPHORBIA, L.**

- [**E. Peplis, L.** *Purple Spurge.*
Tithymalus maritimus supinus annuus, Peplis dictus, Raii Syn. Peplis, Ger. em.
 C. C. B. p. 306. Syme, E. B. viii. t. 1253. Pult. p. 81.
 Sandy sea-shores; native; very rare. A. July, August.
 A. Among sands at Bridport, *Mr. J. Sims.*
 Devon, Somerset, Hants, Normandy.]
- E. Helioscopia, L.!** *Sun Spurge.*
Tithymalus helioscopius, Ger. em., Park.
 C. C. B. p. 306. Syme, E. B. viii. t. 1254.
 Cultivated ground and waste places; colonist; common A.
 February—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- *E. platyphylla, L.!** *Broad-leaved Warted Spurge.*
Tithymalus platyphyllos Fuchsii, Raii Syn.
 C. C. B. p. 306. Syme, E. B. viii. t. 1255. Pult. p. 61.
 Cultivated ground; casual or colonist; very rare. B. or A.
 July, August.
 B. Bradford Abbas, Wyke Farm, *Prof. Buckman.*
 F. Cultivated land, Whatcombe Farm.
 G. Corn-field on the east side of St. Alban's Head, *Mr. W. Borrer.*
 Isle of Wight, Somerset, Wilts, Normandy.]

(E. stricta, Koch. Bushy-worted Spurge.

C. C. B. p. 306. Syme, E. B. viii. t. 1256. Pult. p. 81.
Woods and limestone rocks; alien? B. or A. July,
August.

- F. "Found a quantity of this plant in a field of vetches on
Langton Farm near Blandford," *Dr. Pulteney*. Probably
mistaken by him for *E. platyphylla*.)
Normandy.

E. Paralias, L. ! Sea Spurge.

Tithymalus Paralias, *Ger. em.*, *Raii Syn.*

C. C. B. p. 307. Syme, E. B. viii. t. 1263. Pult. p. 81.
Sands of the sea; native; rare. P. July—September.

- C. "It is one of the first plants that occurs on passing over to
the Chesil-Bank," *Dr. Pulteney*.
G. [Swanage and Poole, *Dr. Pulteney*.]
Devon, Hants, Somerset, Normandy.

E. portlandica, L. ! Portland Spurge.

Tithymalus maritimus minor, *Portlandicus*, *Raii Syn.*

C. C. B. p. 307. Syme, E. B. viii. t. 1264. Pult. p. 89.
Withering p. 549. Huds. Fl. Ang. p. 206.

First discovered in the Isthmus of Portland by *Rev. M.*
Stonestreet in 1711, and introduced into the English
Flora by *Dillenius* in the third edition of *Ray's Synopsis*.
Cliffs and shingly sea-beaches; native; frequent. P.
May—August.

- C. Portland, *Hudson*; Lulworth, *Dr. Pulteney*; cliffs, Hol-
worth; beach, Abbotsbury.
G. On the coast in Purbeck, Langton parish, *Dr. Pulteney*;
Gadcliff, very abundant.
Devon, Isle of Wight, Normandy.

E. exigua, L. ! Dwarf Spurge.

Tithymalus leptophyllos, *Park.*

C. C. B. p. 308. Syme, E. B. viii. t. 1266. Pult. p. 81.
Cultivated ground; colonist; common. A. July—
October.

- A. Loder's.
B. Osborne.
C. Corn-fields at Wyke and Radipole, *Mr. W. B. Barrett*;
corn-fields at West Lulworth; Portland.
E. Mappowder; waste ground between Bishop's Caundle and
Folke.
F. Chescombe.
G. Winspit; Creech; Kimeridge.
Devon, Hants, Somerset, Wilts, Normandy.

E. Peplus, L.! Petty Spurge.*Peplus sive Esula rotunda, Ger. em.*

C. C. B. p. 308. Syme, E. B. viii. t. 1265.

Cultivated ground; native or colonist; common. A.

July—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

*** E. Lathyris, L. Caper Spurge.**

C. C. B. p. 558. Syme, E. B. viii. t. 1267.

Cultivated ground; alien; rare. B. June, July.

B. Bradford Abbas, *Prof. Buckman*.G. Church Knowle, *Rev. O. L. Mansel*.

Isle of Wight, Wilts, Normandy.

E. amygdaloides, L.! Woody Spurge.*Tithymalus characias Amygdaloides, Ger. em.*

C. C. B. p. 308. Syme, E. B. viii. t. 1260. Pult, p. 81.

Woods and banks; native; common. P. April—September.

A. Mangerton, *Rev. T. Jones*; Lyme Regis; Hook Park; Wootton Fitzpaine.

B. Honeycombe Wood.

C. Portland, Undercliff, *Mr. W. B. Barrett*; East Lulworth; Holworth Cliff.

E. Piddle Wood, Sturminster Newton; Donclyffe; Holt Wood.

F. Clenston Wood; Henbury Wood.

G. Hyde Wood; Grange Wood; Kilworth, Langton Matravers.

Devon, Hants, Somerset, Wilts, Normandy.

BUXUS, Tournef.*** B. sempervirens, L.! Common Box.***Buxus, Ger. em., Raii Syn.*

C. C. B. p. 558. Syme, E. B. viii. t. 1252.

Dry chalky hills; probably not indigenous. Shrub.

February—April.

A. Mapperton Hill, *Rev. E. Fox*.E. Hambledon Hill, *Rev. E. Fox*.

F. Bryanston Park.

Devon, Hants, Somerset, Wilts, Normandy.

MERCURIALIS, Tournef.**M. perennis, L.! Perennial Dog's Mercury.***Cynocrambe mas et fœmina, Ger. em.*

C. C. B. p. 308. Syme, E. B. viii. t. 1268.

Woods and hedges; native; common. P. February—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

M. annua, L.! *Annual Dog's Mercury.*

Mercurialis annua glabra vulgaris, Raii Syn.

C. C. B. p. 309. Syme, E. B. viii. tt. 1269, 1270. Pult. p. 98.

Gardens, cultivated fields and road-sides; colonist; frequent;

A. July—November.

A. Symondsburry, *Rev. E. Fox.*

B. Bradford Abbas, *Prof. Buckman.*

C. Road leading to the Gas-house, Weymouth; Sandsfoot Castle; Ham, Poole.

D. Road-side, a mile from Wareham on the Bere Regis turn-pike.

F. Cultivated ground near Broadley Wood.

G. A weed at Kimeridge; Creech clay-pits; under the walls at Worth Church.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

URTICACEÆ.

URTICA, *Tournef.*

U. urens, L.! *Small Nettle.*

U. minor, Ger. em., Raii Syn.

C. C. B. p. 309. Syme, E. B. viii. t. 1282.

Cultivated and waste ground; native; common. A.

May—December.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

U. dioica, L.! *Common Nettle.*

U. racemifera major perennis, Raii Syn.

C. C. B. p. 309. Syme, E. B. viii. t. 1279.

Waste ground; native; common. P. March—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

PARIETARIA, *Tournef.*

P. officinalis, L.! *Pellitory of the Wall.*

Parietaria vulgaris, Park.

C. C. B. p. 309. Syme, E. B. viii. t. 1278.

Stony banks, rocks and old walls; native; frequent. P.

April—October.

- A. Quarries under Eggardon Hill, *Rev. E. Fox.*
- B. Bradford Abbas, *Prof. Buckman.*
- C. Chapelhay, Chickerel-road, Wyke Church, *Mr. W. B. Barrett*; Portland, castle-walls near the Weirs; walls, Abbotsbury.
- D. Turner's Piddle farm-wall; Chamberlayne's.
- E. Walls at Stourton Caundle; Stoke Wake.
- F. Whitchurch church-walls.
- G. Walls, Corfe Castle.
Devon, Hants, Somerset, Wilts, Normandy.

HUMULUS, L.

- H. *Lupulus, L.!* *Common Hop.*
Lupulus mas et fœmina, C. B. Pin., Raii Syn.
C. C. B. p. 310. Syme, E. B. viii. t. 1284. Pult. p. 97.
Damp woods, thickets and hedges; native; frequent. P.
July—October.
- A. Wootton Fitzpaine.
- B. Bradford Abbas.
- C. Chickerel road; road below Westbrook House, *Mr. W. B. Barrett*; Radipole.
- D. Shitterton; Ansty; Affpiddle.
- E. Glanville's Wootton, *Mr. J. C. Dale*; Bishop's Caundle.
- F. Bannel Mead, Spettisbury, *Rev. T. Rackett*; hedges, Milborne St. Andrew; Merley; Gain's Cross, Durweston.
- G. Puddle Mill; Arne.
Devon, Hants, Somerset, Wilts, Normandy.

CANNABIS, Tournef.

- * C. *sativa, L.* *Common Hemp.*
Cannabis mas et fœmina, Ger. em
C. C. B. p. 559. Syme, E. B. viii. t. 1280. Fuller's
Worthies, p. 278. 1662.
In waste lands and cultivated ground; cultivated. A.
July, stameniferous flower. August, pistiliferous.
"England hath no better hemp than what groweth here
betwixt Bemminster and Byrdport, the use whereof is of
absolute necessity for cordage, clothing, &c.; so that a
man may admire that the seed so profitable, and our land
affording so much strong and deep ground proper for the
same, so little is sown thereof."
"Proverb: Stab'd with a Byrdport Dagger, that is, hanged
or executed at the Gallowes."
"There is an ancient Statute, (though now disused and

neglected,) that the Cabel Ropes for the Navy Royal were to be made thereabouts, as affording the best tackling for that purpose." *Fuller*.

ULMUS, *L.*

- * *U. montana*, *Sm.*! *Wych Elm.*
Ulmus folio latissimo scabro, *Ger. em.* *Ulmus campestris*,
Huds. Eng. Fl.
C. C. B. p. 310. *Syme*, *E. B.* viii. t. 1287.
 Hedges and woods; native. Tree. February, March.
 In May when the large leafy *samaræ* are nearly ripe, they
 give to the tree an appearance of being in foliage.
 Devon, Hants, Somerset, Wilts, Normandy.
- * *U. suberosa*, *Ehrh.*! *Common Elm.*
U. minor folio angusto scabro, *Ger. em.*, *Raii Syn.*
C. C. B. p. 310. *Syme*, *E. B.* viii. tt. 1285, 1286.
 Woods and hedge-rows; denizen. Tree. February, March.
 Devon, Hants, Somerset, Wilts, Normandy.

AMENTIFERÆ.

QUERCUS, *L.*

- Q. pedunculata*, *Ehrh.*! *Common Oak.*
Q. latifolia, *Park.* *Q. vulgaris cum longis pediculis*, *J.*
B. P.
C. C. B. p. 310. *Syme*, *E. B.* viii. t. 1288.
 Woods and hedge-rows; native. Tree. April, May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- Q. sessiliflora*, *Salisb.*! *Sessile-fruited Oak.*
Quercus vulgaris brevibus pediculis, *J. B. P.*
C. C. B. p. 311. *Syme*, *E. B.* viii. t. 1289.
 Woods and hedge-rows; native? Tree. April, May.
 Smaller than the former, with larger and broader leaves.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

FAGUS, *Tournef.*

- F. sylvatica*, *L.*! *Common Beech.*
Fagus, *Ger. em.*, *Park.*
C. C. B. p. 311. *Syme*, *E. B.* viii. t. 1291.
 Woods and hedges; native. Tree. April, May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

CARPINUS, L.**C. Betulus, L.! Hornbeam.***Ostrya Ulmo similis fractu in umbilicis foliaceis, C. B. Pin.*

C. C. B. p. 311. Syme, E. B. viii. t. 1293.

Woods and hedges; native. Tree. April, May.

Devon, Hants, Somerset, Wilts, Normandy.

CORYLUS, Tournef.**C. Avellana, L.! Hazel.***Corylus sylvestris, Ger. em. Corylus seu nux Avellana sylvestris, Park.*

C. C. B. p. 311. Syme, E. B. viii. t. 1292.

Woods, hedges and thickets; native; common. Shrub.

January—March.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ALNUS, Tournef.**A. glutinosa, L.! Common Alder.***Alnus rotundifolia glutinosa viridis, C. B. Pin.*

C. C. B. p. 312. Syme, E. B. viii. t. 1294.

Sides of streams, ponds and in damp woods; native; common.

Tree. February—April.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

BETULA, Tournef.**B. alba, L.! White Birch.***Betula, C. B. Pin. Alnus Betula, Turner's Herb.*

C. C. B. p. 312. Syme, E. B. viii. t. 1295, 1296.

Woods and coppices; native. Tree. March—May.

"Byrche is called in Latin *betula*. I have not red of any vertue that it hath in physik, howbeit it serveth for many good uses, and none better than in betinge stubborne boys, that ether lye or wyll not learne." *Turner* (about 1550).

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

POPULUS, Tournef.**P. alba, L.! White Poplar.***P. alba, Ger. em.*

C. C. B. p. 312. Syme, E. B. viii. t. 1299.

Moist woods and meadows: native.? Tree. March.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

- P. canescens, Sm.!** *Hoary Poplar.*
Populus alba foliis minoribus, C. B. Pin., Park.
C. C. B. p. 313. Syme, E. B. viii. t. 1300.
Moist meadows and woods: native; rare. Tree. March.
D. Road-side, Turner's Piddle.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

- P. tremula, L.!** *Aspen.*
Populus Lybica, Raii Syn.
C. C. B. p. 313. Syme, E. B. viii. t. 1301.
Banks of streams and woods; native. Tree. March.
D. Turner's Piddle.
E. Glanville's Wootton, *Mr. J. C. Dale.*
F. Bryanston.
Devon, Hants, Somerset, Wilts, Normandy.

- P. nigra, L.!** *Black Poplar.*
P. nigra, Ger. em.
C. C. B. p. 560. Syme, E. B. viii. t. 1302.
Banks of rivers and damp woods; native.? Tree. March.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

SALIX, Tournef.

- S. fragilis, L.!** *Crack Willow.*
Salix folio longo latoque splendente, fragilis, Raii Syn.
C. C. B. p. 313. Syme, E. B. viii. tt. 1306, 1307.
Banks of rivers, moist meadows and osier beds; native;
common. Tree. April, May.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

- S. alba, L.!** *Golden Willow.*
S. arborea angustifolia alba, vulgaris, Park.
C. C. B. p. 314. Syme, E. B. viii. t. 1309.
Banks of rivers and osier grounds; native. Tree. March.
Generally distributed.

- Var. c. S. vitellina, Sm.!**
Twigs bright golden yellow, or tinged with red.
F. River-side, Bryanston.
Devon, Hants, Somerset, Wilts, Normandy.

S. triandra, L.! *Almond-leaved Willow.*

S. fol. amygdalino utrinque aurito, corticem abjiciens, C. B.
Pin. Salix viminalis nigra, Park.

C. C. B. p. 314. Syme, E. B. viii. t. 1315. Pult. p. 97.
 Salter's List.

Sides of streams and in wet woods; native; common.

Small tree or shrub. April, May.

Generally distributed.

F. Blandford, *Dr. Pulteney*; neighbourhood of Wimborne, *Dr. Salter*.

G. Hedges, Kimeridge.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

S. purpurea, L.! *Purple Willow.*

C. C. B. p. 314. Syme, E. B. viii. t. 1318. Pult. p. 97.

Banks of rivers, meadows and osier grounds; native. A
 small tree.

Generally distributed.

Var. c. S. Helix, L.

C. C. B. p. 314. Syme, E. B. viii. t. 1319.

Mr. Boswell Syme unites this with *S. rubra*.

F. Banks of Stour, Bryanston.

G. Near Scotland Farm, Studland.

Devon, Wilts, Normandy.

S. rubra, Huds.! *Fine Basket Osier.*

Salix minime fragilis, foliis longissimis utrinque viridibus,
non serratis, D. Sherard, Raii Syn.

C. C. B. p. 351. Syme, E. B. viii. t. 1320.

Sides of rivers, meadows and osier beds; native? Tree or
 shrub. March.

Generally distributed.

Devon, Wilts, Normandy.

S. Smithiana, Willd.! *Silky-leaved Osier.*

C. C. B. p. 315. Syme, E. B. viii. t. 1324

Sides of rivers, meadows and osier beds; native. Shrub.
 March.

F. Banks of Stour, Bryanston.

Devon, Isle of Wight, Normandy.

S. acuminata, Sm.! *Pointed Willow.*

Salix caprea latifolia, Ger. em.

C. C. B. p. 315. Syme, E. B. viii. t. 1326.

Moist woods and hedges; native. Tree or shrub.

Generally distributed.

Devon, Isle of Wight.

S. cinerea, L.! *Common Sallow.**Salix daphnoides, Vill.*

C. C. B. p. 315. Syme, E. B. viii. tt. 1327-1329.

Moist woods, hedge-rows and sides of streams; native;
common. Tree or shrub. February.

Generally distributed.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

S. viminalis, L.! *Common Osier.**Salix folio longissimo, Raii Syn.*

C. C. B. p. 315. Syme, E. B. viii. t. 1322.

Sides of streams, moist meadows, and osier-beds; native;
common. Shrub or tree. February.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. caprea, L.! *Great Sallow.**Salix latifolia rotunda, C. B. Pin.**Salix caprea rotundifolia, Ger. em.*

C. C. B. p. 316. Syme, E. B. viii. tt. 1331, 1332.

Woods, pastures and hedge-rows; native; common. Tree
or shrub. February.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. repens, L.! *Dwarf Willow.**Salix pumila angustifolia, prona parte cinerea, J. B. P.*
Raii Syn. S. humilis, Ger. em.

C. C. B. p. 317. Syme, E. B. viii. t. 1356. Pult. p. 97.

Damp places on heaths; native; common. Shrub. May.

A. Witherston; Poorstock Common.

C. About Moreton, *Dr. Pulteney*; Abbotsbury Weirs.

D. Chamberlayne's and Bloxworth Heaths.

E. Glanville's Wootton, *Mr. J. C. Dale*.

F. Organford; West Parley Heath.

G. Wareham and Poole Heaths, *Dr. Pulteney*; Studland
Heath.

Devon, Hants, Somerset, Wilts, Normandy.

MYRICA, L.**M. Gale, L.!** *Sweet Gale.**Gale frutex odoratus septentrionalium Elwagnus cordo, J.*
B. P., Rhus myrtifolia Belgica, C. B. Pin.

C. C. B. p. 319. Syme, E. B. viii. t. 1298. Pult. p. 97.

Ray's Synop. 3rd ed., p. 443.

Bogs and wet heaths; native; common. Shrub. April, May.

- C. Moreton Heath.
- D. Chamberlayne's and Bloxworth Heaths.
- F. Corfe Mullen and Long Ham, *Dr. Salter*.
- G. About Wareham, *Bay*: Arne and Corfe Heaths.
Devon, Hants, Somerset, Wilts, Normandy.

CONIFERÆ.

PINUS, *Tournef.*

- P. sylvestris, L.** *Scotch Fir.*
C. C. B. p. 319. Syme, E. B. viii. t. 1380. Phyt. iii. p. 251.
Heathy places; native?: common. Tree. May.
"The seeds of *P. sylvestris* come up abundantly, and form a natural wood where a sandy soil has a somewhat peaty covering, as for instance on Esher Common. In the Poole basin the *Pinus Pinaster* propagates itself," *Mr. J. Woods*.
Devon, Hants, Somerset, Wilts, Normandy.

JUNIPERUS, L.

- J. communis, L.** *Common Juniper.*
Juniperus vulgaris, baccis parvis purpureis, Raii Syn.
C. C. B. p. 319. Syme, E. B. viii. t. 1382.
Downs, heaths, hills and woods; native; rare. Shrub. May.
A. Puncknoll Common, *Rev. E. Fox*.
F. Thickthorn Down; Milton Abbey; down on the east of the mill.
Hants, Somerset, Wilts, Normandy.

TAXUS, *Tournef.*

- T. baccata, L.** *Yew.*
Taxus, Raii Syn.
C. C. B. p. 320. Syme, E. B. viii. t. 1384. Pult. p. 98.
Woods and chalky banks; native. Tree. February.
F. "On the eastern part of the Chase, and in a circuit of some miles about Cranborne, it is common," *Dr. Pulteney*; hedges, Whitchurch, between the church and Chescombe farm-house.
Hants, Somerset, Wilts, Normandy.

ORCHIDACEÆ.

SPIRANTHES, *Rich.*

- S. autumnalis, Rich.** *Autumnal Lady's Tresses.*
Orchis spiralis alba odorata, Raii Syn.

Ophrys spiralis, L.

C. C. B. p. 320. Syme, E. B. ix. t. 1472. Pult. p. 94.

Turn. Herb. ii. 128.

Pastures on chalky limestone soils; native; frequent. P. August, September.

A. Loders, *Rev. J. Jones*; West Bexington; cliffs, Burton Bradstock; Poorstock Common.

C. Moreton Park, *Mrs. M. Frampton*; Flower's-Barrow.

D. Ilsington meadows below Piddletown, *Dr. Pulteney*; sandy field near the third mile-stone on the Wareham and Bere turnpike; downs above Bingham's Melcombe.

E. Rushmore-down.

F. Milldown near Blandford, *Dr. Pulteney*; downs, Clenston.

G. Pastures, Studland; Church Knowle; Kimeridge Hill; waste ground above Dancing Ledge, Langton Matravers. Devon, Isle of Wight, Somerset, Wilts, Normandy.

NEOTTIA, L.

N. Nidus-avis, Rich.! *Bird's-nest Orchis*.

Nidus avis, Raii Syn. *Satirium abortivum*, Ger. em.

Ophrys Nidus avis, L.

C. C. B. p. 321. Syme, E. B. ix. t. 1478. Pult. p. 94.

Bot. Guide, i. p. 231.

In moist woods and copses; native; rare. P. May, June.

A. Bigwood, Little Bredy, *Rev. E. A. Eaton*; copse near Mythe, Mapperton, *Rev. E. Fox*.

D. Marl-pit, Grey's Wood, Turner's Piddle, *Mrs. M. Frampton*.

F. Chase, to the east of Rushmore Lodge; Little Wood, Chettle, *Rev. W. Chaffin*; Broadley Wood, *Rev. E. Binfield*; Longthorns Copse; Delcombe Wood; Bryanston.

Devon, Hants, Somerset, Wilts, Normandy.

LISTERA, R. Br.

L. ovata, R. Br.! *Common Tway Blade*.

Bifolium majus sive Ophris major quibusdam, J. B. P., Raii

Syn. *Ophrys bifolia*, Ger. em. *Ophrys ovata*, L.

C. C. B. p. 321. Syme, E. B. ix. t. 1477. Pult. p. 94.

In woods and moist places; native; very common. P.

May—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

EPIPACTIS, (Crantz.) Rich.

E. latifolia, All.! *Broad-leaved Helleborine*.

Helleborine latifolia montana, Raii Syn.

Serapias Helleborine, a. L.

C. C. B. p. 321. Syme, E. B. ix. t. 1480. Pult. p. 95.

In woods and shady places; native; rare. P. July, August.

A. Big Wood, Little Bredy, *Rev. A. E. Eaton*.

E. Hanford.

F. Broadley and Clenston Woods, *Dr. Pulteney*; Whatcombe Plantation; Delcombe Wood; plantation, Milton Abbey Park, west side.

G. Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

E. palustris, Sw.! *Marsh Helleborine*.*Serapias latifolia palustris*, Huds. fl. Ang. *Serapias longifolia*, L.

C. C. B. p. 322. Syme, E. B. ix. t. 1482. Pult. p. 95.

Marshes and swampy places; native; rare. P. July, August.

A. In the swampy bottom near Loders, *Dr. Pulteney*; Charmouth, *Rev. E. Fox*; copse at Berwick on the river Bredy.

C. Cliffs, Holworth.

E. Woods near Sturminster Newton, *Dr. Pulteney*; Millet's Close, Glanville's Wootton; Cosmoor Common, Buckland Newton, *Mr. J. C. Dale*; Prince's Wood, Middlemarsh.F. Marshy closes about Newbridge, between Wimborne and Ringwood, *Dr. Pulteney*.G. Cliffs, Punfield near Swanage, *Miss Pike*.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

CEPHALANTHERA, Rich.**C. grandiflora**, Bab.! *White Helleborine*.*Helleborine flore albo*, Raii Syn., Ger. em.

C. C. B. p. 322. Syme, E. B. ix. t. 1485. Pult. p. 95.

Woods and bushy places, especially on chalky soil; native; rare. P. May, June.

F. In the grove at the Down House; Little Wood, Chettle, *Dr. Pulteney*; St. Giles, wood near the first Lodge, *Hon. Susan Pitt*; banks near Bryanston House, Websley Wood; Kingston Lacy near the Lodge; downs near Ashmore (much dwarfed).G. Grange Wood, *Dr. Pulteney*.

Isle of Wight, Somerset, Wilts, Normandy.

ORCHIS, L.**Orchis Morio**, L.! *Green-winged Meadow Orchis*.*O. morio fœmina*, Park.

C. C. B. p. 324. Syme, E. B. ix. t. 1454. Pult. p. 94.
Meadows and pastures; native; common. P. April—
June.

- A. Melbury Wood.
 - B. Bradford Abbas, *Prof. Buckman*.
 - C. Broadmeadow near the Smallmouth Sands; fields near the burial ground, Weymouth; Lynch; West Knighton, *Mr. W. B. Barrett*.
 - D. Chamberlayne's; Morden Park.
 - F. Between Nutford and France Farm; Studland Wood, *Dr. Pulteney*; Longthorns; Winterbourne Kingston; meadows, Charlbury.
 - G. Bradle Down; meadows, Tyneham; Quenchfield, Langton Matravers.
- Devon, Hants, Somerset, Wilts, Normandy.

O. mascula, L.! *Early Purple Orchis*.

O. morio mas foliis maculatis, C. B. P. *Cynosorchis morio mas*, *Ger. em.*

C. C. B. p. 524. Syme, E. B. ix. t. 1455.
Pastures and open places in woods; native; common. P.
April, May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

O. ustulata, L.! *Dwarf dark-winged Orchis*.

O. Pannonica, *Clus. Hist.*, *Raii Syn.* *Cynosorchis militaris pratensis humilior*, C. B. *Pin.*

C. C. B. p. 324. Syme, E. B. ix. t. 1450. Pult. p. 94.
Phyt. iii. p. 266.

Downs and chalky limestone soils; native; common. P.
May, June.

- C. Banks of a corn-field on the east side of Lulworth, *Mr. J. Woods*; heath near East Stoke, *Rev. E. Fox*.

- F. Nutford-field, near Blandford; Langton farm, *Dr. Pulteney*; Hod Hill, *Rev. E. Binfield*; waste ground south of the Reformatory School; Farnham and Ashmore Downs.

- G. Cliffs, Old Harry, Studland, *Mr. J. Smithies*.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

O. pyramidalis, L.! *Pyramidal Orchis*.

Orchis purpurea spica congesta pyramidalis, *Raii Syn.*
Cynosorchis militaris montana spica rubente conglomerata, *Park.*

C. C. B. p. 325. Syme, E. B. ix. t. 1449. Pult. p. 94.
Downs and banks on chalky and limestone soils; native;
frequent. P. May—July.

- A. Loders, *Mr. J. Jones* ; Little Bredy, *Rev. A. E. Eaton*.
 - B. Honeycombe Wood.
 - C. Cliffs, Portland ; between Bow-and-Arrow Castle and Caves Hole, *Mr. W. B. Barrett*.
 - F. Hod Hill, *Dr. Pulteney* ; bank on the side of the road between Durweston and Gain's Cross ; Tollard Royal ; rough ground north-west side of Clenston Wood ; High Hall Wood.
 - G. Waste land above Dancing Ledge, Langton Matravers ; Seacombe ; Ulwell near Swanage ; Gadcliff ; cliffs, Durlleston Bay.
- Devon, Isle of Wight, Somerset, Wilts, Normandy.

O. latifolia, L. ! Broad-leaved Marsh Orchis.

O. palmata pratensis latifolia longis calcaribus, C. B. Pin., Raii Syn. O. palm. major mas, sive Palma Christi mas, Park.

C. C. B. p. 326. Syme, E. B. ix. t. 1458.

Bogs, marshes and peaty soils ; native ; frequent. P. May, June.

- A. Puncknoll.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Meadows on the east side of Weymouth backwater.
- D. Meadows, Chamberlayne's ; Alton Pancras.
- F. Meadows, Spettisbury.
- G. Fields between Worth and Seacombe, *Mr. W. Borrer* ; marshy places near Little Sea ; Punfield, Swanage.

O. incarnata, "L." Fries. ! Common Marsh Orchis.

Orchis latifolia, Sm.

C. C. B. p. 578. Syme, E. B. ix. p. 100, t. 1457. Pult. p. 94.

Bogs, marshes and damp meadows ; native ; common. P. May, June.

Often confounded with, but more common than, the above.

- D. Hyde meadows ; Springfield Copse, Bere Regis ; Morden Mill.
 - F. Meadows, Manaton, Holt.
 - G. Langton Matravers.
- Devon, Hants, Somerset, Wilts, Normandy.

O. maculata, L. ! Spotted Palmate Orchis.

Orchis q. Palmata speciosiore thyrsos, folio maculato, J. B. P. Palma Christi femina, Ger. em.

C. C. B. p. 326. Syme, E. B. ix. t. 1459.

Meadows, pastures, heaths and woods ; native ; frequent. P. April—June.

- B. Bradford Abbas, *Prof. Buckman*.

- C. Lynch near the farmhouse, Bincombe; heaths north of Warmwell, *Mr. W. B. Barrett*.
- D. Heaths near Sherford Bridge on the road to Wareham; Chamberlayne's and Bloxworth Heaths.
- E. Donclyffe Wood; Prince's Wood, Middlemarsh.
- F. Longthorn's Wood; Manaton Wood, Holt.
- G. Studland and Wareham Heaths; meadow, Tyneham; Church Knowle.
Devon, Hants, Somerset, Wilts, Normandy.

O. conopsea, L.! *Fragrant Orchis.*

Serapias minor nitente flore, Ger. em. Orchis palmata minor flore rubro, Park. Gymnadenia Conopsea, R. Br.

C. C. B. p. 326. Syme, E. B. ix. t. 1460. Pult. p. 94.

In bogs and on heaths, chalky banks and borders of fields; native; frequent. P. May, June.

- A. Little Bredy, *Rev. A. E. Eaton*; Poorstoek Common, *Rev E. Fox*.
- C. Buckland Ripers, *Mrs. M. Frampton*; grassy ground, Holworth Cliff.
- D. Bingham's Melcombe, *Rev. C. W. Bingham*.
- E. Prince's Wood, Middle Marsh.
- F. Grassy banks, Nutford field, Blandford, *Dr. Pulteney*; Whatcombe Down; rough ground north of Clenston Wood; meadows at Lower Manaton, Holt; downs adjoining Eastbury Park; launches of corn-fields west of Ashmore meadows; Abbots Court, Winterborne Kingston.
- G. Studland Heath.
Devon, Hants, Somerset, Wilts, Normandy.

HABENARIA, R. Br.

H. chlorantha, Bab.! *Greater Butterfly Orchis.*

Orchis hermaphroditica bifolia, Raii Syn.

Orchis bifolia, L.

C. C. B. pp. 326, 578. Syme, E. B. ix. t. 1463. Pult. p. 94.

Pastures, grassy banks and woods; native; frequent. P. May, June.

- A. Upper lane from Chilcombe to Puncknoll, *Mr. J. Trahearne*.
- D. Bingham's Melcombe, very abundant near the Lime Kiln.
- E. Lane between Bere Marsh and Sturminster Newton, *Dr. Pulteney*; Donclyffe Wood; Princes Wood, Middlemarsh; Stoke Wake, very abundant.
- F. Broadley Wood, *Dr. Pulteney*; Clenston and Houghton Woods.
- G. Tyneham Wood.
Devon, Hants, Somerset, Wilts, Normandy.

H. bifolia, *R. Br.!* Lesser Butterfly Orchis.*Orchis alba bifolia minor calcari oblongo*, *C. B. Pin.**C. C. B.* pp. 326, 578. *Syme*, *E. B. ix. t. 1464.*Pastures and heaths; native; not common. *P.* June—September.*A.* Poorstock Common.*D.* Chamberlayne's Common.*F.* Woodcutts, *Hon. Susan Pitt.**G.* Rough ground east of Grange House; heath, Wych. Devon, Hants, Somerset, Wilts, Normandy.**H. viridis**, *R. Br.!* Frog Orchis.*Orchis palmata minor flore luteo viridi*, *Raii Syn.**Satyrium viride*, *L.**C. C. B.* p. 327. *Syme*, *E. B. ix. t. 1462.* *Pult.* p. 94.Meadows and hilly places; native; rare. *P.* June, July.*A.* Meadows near Poorstock, *Rev. E. Fox*; pastures near Ashley and Puncknoll Woods; Monckton Wyld.*C.* Banks of Maiden Castle, Dorchester.*F.* Nutford-field, Blandford, *Dr. Pulteney*; Ashmore and Toller Royal Downs.

Isle of Wight, Somerset, Wilts, Normandy.

HERMINIUM, *R. Br.***H. Monorchis**, *R. Br.!* Musk Orchis.*Orchis odorata moschata, sive Monorchis*, *C. B. Pin., Raii Syn.**Ophrys Monorchis*, *L.**C. C. B.* p. 327. *Syme*, *E. B. ix. t. 1466.* *Pult.* p. 95.Chalky and limestone pastures, also banks; native; very rare. *P.* June and July.*A.* Loders Common-Field, *Rev. J. Jones.**B.* Batcombe Down, *Rev. T. O. Marshall.**E.* Pasture between Rushmore Lodge and Ashmore. Somerset?, Wilts, Normandy.**OPHRYS**, *L.***O. apifera**, *Huds.!* Bee Orchis.*Orchis fuciflora, galea et alis purpurascens*, *J. B. P., Raii Syn. Testiculus vulpinus secundus sphegodes*, *Ger. em.**C. C. B.* p. 328. *Syme*, *E. B. ix. t. 1467.* *Pult.* p. 95.Downs and borders of fields, and rough banks on chalky and limestone soils; native; frequent. *P.* June, July.*A.* Near Bridport, *Rev. J. Trahearne*; pastures, Ashley and Luke.*C.* Copse near Radipole; cliff, north-east of Bow-and-Arrow Castle, Portland, *Mr. W. B. Barrett*; chalk-range

between Arish Mill and Lulworth Cove, very abundant; Holworth Cliffs.

E. Traveller's Rest, Sturminster Newton, *Dr. Pulteney*; Glanville's Wootton, *Mr. J. C. Dale*.

F. Hod and Hambledon Hills, *Dr. Pulteney*; Smople's Down, Rushmore, *Hon. Susan Pitt*; rough ground among corn-fields east of Ashmore.

G. Quenchfield, Langton Matravers, *Rev. J. H. Austen*; Kingston Hill, above Encombe House; Gadcliff; Grange Hill; Seacombe and Winspit; cliffs, Durleston Bay.
Devon, Hants, Somerset, Wilts, Normandy.

O. aranifera, *Huds.* *Early Spider Orchis.*

Orchis sive Testiculus sphegodes hirsuto flore, *Raii Syn.*

C. C. B. p. 328. Syme, E. B. ix. t. 1469.

Downs and rough banks in chalky and limestone districts; native; very rare. P. April, May.

Var. b. O. fucifera, *Sm.!*

Syme, E. B. ix. p. 113, t. 1470. E. B. S. 2649. Bab. Man. p. 331.

G. Down between Worth Matravers and Winspit.
Hants, Normandy.

O. muscifera, *Huds.!* *Fly Orchis.*

Orchis myodes, galea et alis herbidis, *Raii Syn.*

C. C. B. p. 328. Syme, E. B. ix. t. 1471. Pult. p. 95.

Downs and borders of fields and rough banks, on a chalk and limestone soil; native; rare. P. May, June.

B. Bubb-down, Melbury, *Earl of Ilchester*.

D. Chalky hill ascending from Bingham's Melcombe to Hilton on the west side, *Rev. C. W. Bingham*.

F. Borders of the Chase near Woodyates, *Dr. Pulteney*; Tollard Park-wood, *Rev. J. H. Austen*; Milton Abbey wood, near the old chapel; also in a beech wood between the Abbey and Hilton; Langton Copse.
Isle of Wight, Somerset, Wilts, Normandy.

MALAXIS, *Swartz.*

M. paludosa, *Swartz.!* *Bog Orchis.*

Orchis minima bulbosa, *Raii Syn.* *Ophrys paludosa*, *L.*

C. C. B. p. 329. Syme, E. B. ix. t. 1489.

Bogs on Sphagnum; native; very rare. P. July.

G. In a bog near the Wareham and Corfe turnpike, where Mr. Pike's tramway crosses the road.
Devon, Hants, Normandy.

IRIDACEÆ.

IRIS, L.

I. *foetidissima*, L.! *Fœtid Iris*.

I. sylvestris quam *Xyrim* vocant, *Raii Syn.* *Xyris*, *Ger. em.*

C. C. B. p. 329. Syme, E. B. ix. t. 1494. Pult. p. 65.

Botanist's Guide, i. p. 214. Turner's Herbal. ii. 23.

In woods, by the borders of fields, on hedge-banks and rough slopes; native; common. P. June.

Turner mentions having seen "a little fleur de lis growing wild in Dorsetshire."

A. Puncknoll; Lyme Regis.

B. Bradford Abbas, *Prof. Buckman*; Honeycombe Wood.

C. Hedge-banks by Sandsfoot Road and Buxton Lane, *Mr. W.*

B. Barrett; road-side between East Lulworth and White-way hill; Weymouth and Portland.

D. Bere Wood.

E. Glanville's Wootton, *Mr. J. C. Dale*.

F. Blandford, *Mr. E. Forster, Jun.*; Clenston Wood; Crichel.

G. Kimeridge; Encombe; Tyneham Wood.

Var. *b. citrina*, Syme.!

Syme, E. B. ix. p. 144.

G. Between Nine-Barrow down and Swanage, *Mr. J. Woods*; stone-quarries between Swanage and Langton Matravers; Grange Wood.

Devon, Hants, Somerset, Wilts, Normandy.

I. *Pseudacorus*, L.! *Yellow Water Iris*.

Iris palustris lutea, *Ger. em.*

C. C. B. p. 330. Syme, E. B. ix. t. 1495.

Ditches, marshes and wet places; native; common. P.

May—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

GLADIOLUS, *Tournef.*G. *illyricus*, Koch.! *Lesser Gladiolus*.

C. C. B. p. 330. Syme, E. B. ix. t. 1493.

Amongst *Pteris* and in open places; native; very rare. P. July.

F. The Rev. J. H. Austen found this plant near Ensburry, on the borders of a newly broken-up piece of land; and, after an examination of the locality, I am inclined to consider it indigenous, especially as its geological con-

ditions are similar to those of its undoubted natural habitat in the New Forest. Last year (1872) it was rediscovered in the Isle of Wight, after an interval of seventeen years.

[Devon,] Hants.

AMARYLLIDACEÆ.

NARCISSUS, L.

- ***N. biflorus**, Curt. ! *Two-flowered Narcissus.*
N. medio luteus vulgaris, Raii Syn.
 C. C. B. p. 580. Syme, E. B. ix. t. 1503. Pult. p. 76.
 Meadows and orchards; alien; rare. P. April, May.
 A. Baunton orchard, near Bridport, *Rev. J. Jones*; Monckton
 Wyld, *Rev. L. Lester*; Symonds bury, *Rev. E. Fox*;
 pastures, Wootton Fitzpaine.
 C. Buckland near Weymouth, *Mrs. M. Frampton*.
 F. Decoy Copse, High Hall; Charlbury Hill.
 G. Studland.
 Devon, Isle of Wight, Wilts, Normandy.
- N. Pseudo-narcissus**, L. ! *Common Daffodil.*
N. sylvestris pallidus calyce luteo, C. B. P.
Pseudonarcissus Anglicus, Ger. em.
 C. C. B. p. 331. Syme, E. B. ix. t. 1501. Pult. p. 76.
 Woods, meadows, pastures and banks; native; frequent.
 P. April—June.
 A. Meadows and waste places, Poorstock; Netherbury, *Rev.*
E. Fox; orchards, Puncknoll; Wootton Fitzpaine.
 D. In closes between Morden and Litchet, *Dr. Pulteney*.
 E. Glanville's Wootton, *Mr. J. C. Dale*.
 F. Meadows of the Stour, Corfe Mullen, *Dr. Pulteney*;
 meadows, Alderholt; Clenston Wood.
 Devon, Hants, Somerset, Wilts, Normandy.

GALANTHUS, L.

- ***G. nivalis**, L. ! *Common Snowdrop.*
Leucojum bulbosum præcox minus, Ger. em.
 C. C. B. p. 580. Syme, E. B. ix. t. 1507.
 Pastures, meadows, woods and orchards; alien? frequent.
 P. February.
 A. Banks of streams, Poorstock, *Rev. E. Fox*.
 D. Orchards, Dewlish.
 E. Glanville's Wootton, going from Newland to Pulham, *Mr.*
J. C. Dale.

- F. Winterborne Zelstone, near Hewish House, *Miss Pike* ; damp woods, between Crichel House and Witchampton. Devon, Hants, Somerset, Wilts, Normandy.

LEUCOJUM, L.

L. æstivum, L.! *Summer Snowflake.*

L. bulbosum majus polyanthemum, Ger. em.

C. C. B. p. 331. Syme, E. B. ix. t. 1505. Pult. p. 76.

Wet meadows and ditches; denizen; rare. P. April, June.

- F. Meadows on the left leading from Badbury down to Wimborne, plentifully, *Rev. E. Binfield*; Dairy Copse, High Hall, *Rev. L. Lester*; Crawford, *Rev. C. Torkington*; water-courses in the meadows near the East Lodge, Kingston Lacy. Devon, Normandy.

L. vernal, L.! *Spring Snowflake.*

L. bulbosum præcox minus, Ger. em.

C. C. B. p. 331. Syme, E. B. ix. t. 1506. Journal of Botany, 1866, p. 209. Bab. Man. p. 338. Hook. Stud. Fl. p. 366. Gren. et Godr. Flore de France, iii. p. 251.

Damp hedge-banks; alien or denizen;? very rare. P. February, March.

First record of this plant as claiming a place in our English Flora was in 1866. M. Brébisson, in the last edition of his Flore de la Normandie, 1869, corrects a statement in his former edition as to its being a native of Normandy, and says, "On a reconnu que le *Leucojum vernal*, qui avait été trouvé à Anvillars-en-Ange, provenait de cultures voisines." The nearest localities for this plant on trustworthy authority are the Côte d'Or and Saône et Loire. It is not included in Lloyd's Flora of West France.

- A. Hedge-banks, Wootton Fitzpaine.

LILIACEÆ.

TULIPA, Tournef.

*[**T. sylvestris, L.!** *Wild Tulip.*

T. Bononiensis, Ger. em.

C. C. B. p. 581. Syme, E. B. ix. t. 1520. Pult. p. 76.

Woods, orchards, meadows and pastures; alien; rare. P. April.

"Some years it grew in the hollow way near the church at Melbury. The roots were more than one foot deep in the

earth; these plants answered exactly in the hairiness at the base of the stamen," *Dr. Pulteney*.]
Devon, Isle of Wight, Wilts, Normandy.

FRITILLARIA *Tournef.*

F. Meleagris, *L.* *Common Fritillary.*

Fritillaria variegata, *Ger. em.*

C. C. B. p. 331. Syme, E. B. ix. t. 1519. Pult. p. 76.
Salter's List.

Damp meadows; denizen; very rare. P. April.

- E. "I have been informed on what I considered good authority that this plant grows in a wood on the left hand, between Fiddleford and Sturminster Newton," *Dr. Pulteney*; in Common-mead fields and elsewhere near Gillingham, *Dr. Salter*.

Devon, Hants, Somerset, Wilts, Normandy.

ALLIUM, *L.*

A. Babingtonii, *Borr.!* *Wild Leek.*

C. C. B. p. 581. Syme, E. B. ix. p. 206. t. 1531. Bab.
Man. p. 344.

Hedges; native?; very rare. P. July.

- A. Grows plentifully in the hedges on West Bexington farm, Abbotsbury.

A. oleraceum, *L.!* *Field Garlic.*

Moly montanum tertium Clusii, *Ger. em.*

C. C. B. p. 332. Syme, E. B. ix. t. 1535.

Dry grassy places and borders of fields; native; very rare.
P. July, August.

- G. Grassy places, Tyneham Cap.

Devon, Isle of Wight, Somerset, Normandy.

A. vineale, *L.!* *Crow Garlic.*

A. sylvestre, *Ger. em.* *Allium campestre juncifolium capitatum purpurascens majus*, *C. B. Pin.*

C. C. B. p. 332. Syme, E. B. ix. t. 1534. Pult. p. 76.

Dry hedge-banks and sides of fields; native; frequent. P. July.

Var. *b. A. compactum*, *Thuill.*

- A. Walditch; Bradpole; Netherbury, *Rev. E. Fox*.

- B. Bradford Abbas, *Prof. Buckman*.

- C. Smallmouth sands, sand-cliff near the second stream; corn-fields, Portland, *Mr. W. B. Barrett*; banks of the Backwater, Radipole.

- E. Glanville's Wootton, *Mr. J. C. Dale*.
- F. Hedges near Baily turnpike-gate; hedges between the turnpike and the Reformatory School; ditches between Sturminster Marshall and the bridge.
- G. Meadows between Grange and Povington; borders of fields, Eastington, Worth; Studland near the Preventive Station. Devon, Hants, Somerset, Wilts, Normandy.

A. ursinum, L.! *Ramsons.*

- A. sylvestre latifolium, C. B. Pin. Allium ursinum bifolium vernum sylvaticum, J. B. P.*
- C. C. B. p. 333. Syme, E. B. ix. t. 1540. Pult. p. 76. Hedge-banks, woods, coppices and in damp pastures; native; common. P. April—June.
- A. Lodgers; Poorton; Lyme Regis.
- C. Lane leading from West Stafford to West Knighton, *Mr. W. B. Barrett*.
- D. Bloxworth.
- E. Ibberton; Fiddleford; Melcombe Park; Plumber, Fifehide Neville; Stoke Wake.
- F. Eastbury; Park Wood, Houghton.
- G. Grange Wood; Creech Wood; banks of stream below Wilkes Wood, Langton Matravers. Devon, Hants, Somerset, Wilts, Normandy.

GAGEA, Salisb.

- G. lutea, Ker.!** *Yellow Star of Bethlehem.*
Ornithogalum luteum, seu Cepe agraria, Park., Raii Syn.
C. C. B. p. 333. Syme, E. B. ix. t. 1522.
Bushy places, pastures and woods; native; very rare. P. April.
- D. Grassy banks, Hilton near the road between the village and Bingham's Melcombe, on the east side of the hill, *Miss St. John*.
Somerset, Wilts, Normandy.

ORNITHOGALUM, L.

- *O. umbellatum, L.!** *Common Star of Bethlehem.*
C. C. B. p. 582. Syme, E. B. ix. t. 1524. Salter's List.
In meadows, pastures and orchards; denizen; rare. P. April, May.
- F. In a hedge at Seldown, *Dr. Salter*.
- G. River-bank, Redcliff, Wareham; hedges between Stoborough and Holme.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

HYACINTHUS, L.

H. non-scriptus, L.! *Wood Hyacinth.*

Hyacinthus Anglicus, Ger. em. *H. oblongo flore cæruleus major*, C. B. Pin. *Scilla nutans*, Sm.

C. C. B. p. 334. Syme, E. B. ix. t. 1528.

Woods, hedge-banks, damp pastures and meadows; native; common. P. April, May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

SIMETHIS, Kunth.

***S. bicolor, Kunth.!** *Variegated Simethis.*

Phalangium bicolor, D. C.

Cyb. Brit. ii. p. 462. C. C. B. p. 335. Syme, E. B. ix. t. 1541. E. B. S. t. 2952. Phyt. iii. p. 260.

Heaths; alien or denizen; very rare. P. June.

- E. Discovered by Miss Charlotte Wilson in 1847, growing in a small quantity about two miles distant from Bourne-mouth, on what was once part of Poole heath, but is now a plantation of firs, chiefly of *Pinus maritima*, E. B. S. Normandy.

NARTHECIUM, Huds.

N. ossifragum, L.! *Lancashire Asphodel.*

Pseudo-asphodelus palustris vulgaris nostras, Raii Syn.

C. C. B. p. 335. Syme, E. B. ix. 1542. Pult. p. 76.

Boggy heaths and spongy bogs; native; frequent. P. June—August.

- C. Lewell Heath, Mr. J. C. Dale; Moreton Heath.
 D. Chamberlayne's; Bloxworth and Hyde Heaths.
 F. Poole; Canford and Wareham Heaths, Dr. Pulteney.
 G. Heath between Wareham and Corfe Castle, Dr. Pulteney;
 Studland Heath.
 Devon, Hants, Somerset, Wilts, Normandy.

ASPARAGUS, L.

A. officinalis, L.! *Asparagus.*

A. maritimus crassiore folio, Raii Syn.

C. C. B. pp. 335, 613. Syme, E. B. ix. t. 1515. Pult. p. 77. Bot. Guide, i. p. 221.

Sand-banks and dry places; native; rare. P. July.

- C. Isle of Portland, Hudson; near the ferry, and the extremity of Portland, Dr. Turner.

- E. On the shore and marshes at Poole Harbour, and especially on the North Haven sand-banks, *Dr. Pulteney*.
The wild prostrate form is alleged to have been found in Dorset in 1869, *Mr. H. C. Watson*.
Normandy.

RUSCUS, L.

- R. aculeatus, L.!** *Common Butcher's Broom.*
Ruscus, sive Bruscus, Ger. em.
C. C. B. p. 336. Syme, E. B. ix. t. 1516. Pult. p. 98.
Woods, copses, and borders of fields; native; frequent.
Shrub. February—April.
- A. Bridehead Plantation.
- C. Roadside near Broadwey, *G. S. Gibson*; Radipole, *Miss Payne*.
- D. Morden, near Bere Regis; Almer, *Dr. Pulteney*; Chamberlayne's Copse and banks of the river; lane between Best-wall Farm and the town-ramparts, Wareham.
- F. Common in the Chase as about Rushmore Lodge, Winterborne Kingston, *Dr. Pulteney*; Oakhill Wood, Crichel; copse near Badbury Rings; Decoy copse, Morden; High Hall.
- G. Studland, *Dr. Salter*; Smedmore Grove; Little Kimeridge; Whiteway Wood, Steeple.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

CONVALLARIA, L.

- [**C. majalis, L.** *Lily of the Valley.*
Lilium convallium, Ger. em.
C. C. B. p. 336. Syme, E. B. ix. t. 1514. Pult. p. 77.
Woods; native?; rare. P. May.
- G. In the woods at Grange in Purbeck, and several others, *Dr. Pulteney*.]
Hants, Somerset, Wilts, Normandy.

POLYGONATUM, Tournef.

- ?**P. officinale, All.** *Angular-stemmed Solomon's Seal.*
Polygonatum floribus ex singularibus pediculis, J. B. P.
P. latifolium secundum Clusii, Ger. em. Convallaria Polygonatum, L.
C. C. B. pp. 337, 613. Syme, E. B. ix. p. 179, t. 1512.
Woods; native; rare. P. May, June.
"The plant has been reported to me from Dorset, Hants, &c.; but I am unable to say which of the forms (a,

germinum, or *b. intermedium*) occur there, possibly in some of these counties *P. multiflorum* has been mistaken for it, Dr. T. B. Syme.

Somerset, Wilts, Normandy.

P. multiflorum, All. Common Solomon's Seal.

Polygonatum latifolium vulgare, C. B. Pin.

Convallaria multiflora, L.

C. C. B. p. 337. Syme, E. B. ix. t. 1513. Pult. p. 77.

Woods; native; rare. P. May, June.

- F. In the hanging woods of Ashcombe, Dr. Pulteney. (This is beyond the borders of the county; but in a manuscript note by Mr. J. C. Dale in his copy of Pulteney's Catalogue of the more rare plants of Dorset he adds, "in the Chase." It still grows abundantly in Ashcombe Wood.

Devon, Hants, Somerset, Wilts, Normandy.

TRILLIACEÆ.

PARIS, L.

P. quadrifolia, L.! Herb Paris.

Herba Paris, Ger. em.

C. C. B. p. 337. Syme, E. B. ix. t. 1509. Pult. p. 78.

Salter's List.

Wood and shady places; native; rare. P. May, June.

A. Hook Park.

B. Honeycombe Wood.

- F. Wood at Turnworth; Morgan's and Broadley Wood, Dr. Pulteney; copse under Nettlecombe Tout, Melcombe, Rev. C. W. Bingham; copse under Bulbarrow; Durweston Wood; Chase Woods, Farnham; beechwood in Abbey Milton Park on the north-west side.

Hants, Somerset, Wilts, Normandy.

DIOSCOREACEÆ.

TAMUS, L.

T. communis, L.! Black Bryony.

Bryonia nigra, Ger. em.

C. C. B. p. 337. Syme, E. B. ix. t. 1508. Pult. p. 97.

Hedges, bushy woods and open woods; native; common.

P. May, June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

MELANTHIACEÆ.**COLCHICUM, L.****C. autumnale, L.!** *Meadow Saffron.*

C. Anglicum purpureum, Ger. em. C. commune, C. B. Pin., Raii Syn.

C. C. B. p. 338. Syme, E. B. ix. t. 1544. Pult. p. 77. Salter's List.

Meadows; native; not uncommon. P. August—September.

B. Melbury Park.

E. Glanville's Wootton, *Mr. J. C. Dale*; Stourton Caundle, *Mrs. M. Frampton.*

F. Plentifully in Blandford St. Mary's meadows, *Dr. Pulteney*; Clenston Wood.

G. Meadow south of Grange House; Rempston.

[Devon,] Hants, Somerset, Wilts, Normandy.

HYDROCHARIDACEÆ.**HYDROCHARIS, L.****H. Morsus-ranæ, L.** *Frog-bit.*

Stratiotes foliis Asari semine rotundo, Raii. Syn. Morsus ranæ, Ger. em.

C. C. B. p. 338. Syme, E. B. ix. t. 1444. Pult. p. 98.

Ditches and ponds; native; very rare. P. July.

F. In ditches communicating with the Stour, *Dr. Pulteney.*

G. Watery places near Wareham, *Dr. Pulteney*; ditches, East Stoke-moor, *Rev. E. Fox.*

Devon, Hants, Somerset, Normandy.

ELODEA, Rich.***E. canadensis, Rich.!** *Water Thyme.*

Anacharis Alsinastrum, Bab.

C. C. B. p. 582. Syme, E. B. ix. t. 1446.

Streams and ponds; denizen; common. P. June—August.

Probably introduced from America, and thoroughly established, becoming a most troublesome plant; only the female is said to be found in England.

C. River Frome, Dorchester.

D. River, Chamberlayne's.

F. Stour, West Parley; stream, Shroton.

Normandy.

ALISMACEÆ.

ALISMA. L.

A. *Plantago*, L.! Greater Water Plantain.*Plantago aquatica major*, Ger. em.

C. C. B. p. 339. Syme, E. B. ix. tt. 1437, 1438.

In still water, ditches and ponds; native; common. P.
June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

A. *ranunculoides*, L.! Lesser Water Plantain.*Plantago aquatica minor*, Park. *P. aqu. humilis*, Ger. em.C. C. B. p. 339. Syme, E. B. ix. tt. 1439, 1440. Pult.
p. 77.Ditches and shallow pools; native; frequent. P. August—
October.A. Poorstock Common; Hook, Rev. E. Fox; Puncknoll
Heath.

C. Moreton Heath.

D. Morden; Chamberlayne's; Burleston.

F. Moor's River near St. Leonard's Bridge.

G. East Stoke; Stoborough meadows, Dr. Pulteney.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

SAGITTARIA, L.

S. *sagittifolia*, L.! Common Arrow-head.*Sagitta aquatica minor latifolia*, C. B. Pin.

C. C. B. p. 340. Syme, E. B. ix. t. 1436. Pult. p. 97.

Ditches and boggy pools; native; frequent. P. July—
September.

C. River, East Stoke.

D. Bogs, Chamberlayne's.

F. River, Durweston; Moor's River, St. Leonard's Bridge;
boggy pools, Verwood.G. Wareham and Studland Heaths; Stoborough meadows.
Devon, Hants, Somerset, Wilts, Normandy.

BUTOMUS, Tournef.

B. *umbellatus*, L.! Flowering Rush.*Gladiolus palustris*, Ger. em.

C. C. B. p. 340. Syme, E. B. ix. t. 1443. Pult. p. 79.

Ditches, ponds and sides of rivers; native; not uncommon.
P. June—August.

- C. Near the backwater, Weymouth, *Mr. H. Groves*; near Chickerel, *Mr. J. H. White*; in ditches near Norris Mills, Dorchester, *Dr. Pulteney*.
- E. River banks between Lydlinch and Bagbere.
- F. Stagnant parts of the Stour, Whitecliff and Durweston, *Dr. Pulteney*; Sturminster Marshall.
- G. Stoborough meadows; banks of the Frome, Holme. Devon, Isle of Wight, Somerset, Wilts, Normandy.

TRIGLOCHIN, *L.*

- T. maritimum, *L.*!** *Seaside Arrowgrass.*
Gramen marinum spicatum, Ger. em.
 C. C. B. p. 340. Syme, E. B. ix. t. 1434. Pult. p. 77.
 Salt-marshes and meadows, by the sides of ditches near the sea; native; frequent. P. May—October.
- A. Bridport; river-side, near the harbour.
- C. Lodmoor; in salt-marshes near the gas-house, Weymouth; mouth of the Wey, Radipole; Chesil-Bank, between the Fleet and Langton, *Mr. W. B. Barrett*; Swannery, Abbotsbury.
- F. South Haven, Poole, *Dr. Pulteney*.
- G. Wych; salt-marshes below Wareham. Devon, Isle of Wight, Somerset, Normandy.
- T. palustre, *L.*!** *Marsh Arrowgrass.*
Gramen trigloch, J. B. P. Gramen Junceum spicatum seu trigloch, C. B. Pin.
 C. C. B. p. 340. Syme, E. B. vi. t. 1433. Pult. p. 77.
 Wet meadows, heaths and bog ditches; native. P. June—August.
- A. Bog between Ashley and Puncknoll Woods.
- C. Wet parts of the cliff by Redcliff Head, *Mr. W. B. Barrett*; Lodmoor; Portisham.
- D. Between Chalk-pit farm and Bere Regis; Shitterton Moor; Roke Meadows.
- G. Stoborough meadows; Grange Heath; Gad Cliff. Devon, Hants, Somerset, Wilts, Normandy.

POTAMACEÆ.

POTAMOGETON, *L.*

- P. densus, *L.*!** *Opposite-leaved Pondweed.*
Tribulus aquaticus minor Muscatellæ floribus, Ger. em.
 C. C. B. p. 341. Syme, E. B. ix. t. 1414.
 Ditches, ponds and slow streams; native: common. P. June.

- C. In ponds by the Chickereel road near Weymouth; East Chickereel; river Wey, Radipole; Broadwey; Upwey, *Mr. W. B. Barrett*; ditches, Lodmoor.
- D. River, Chamberlayne's; Sherford Bridge; stream under "The Rings," Milborne St. Andrew.
- F. Houghton; river Allen between High Hall and Wimborne.
- G. River Frome, Wareham.
Devon, Hants, Somerset, Wilts, Normandy.
- P. pectinatus, L. Bab.!** *Fan-like Pondweed.*
Potamogeton millefolium, seu foliis gramineis ramosum, C. B. Pin.? *P. millefolium tenuifolium, Ger. em.*
C. C. B. p. 341. Syme, E. B. ix. tt. 1422, 1423.
Streams and rivers; native; frequent. P. July.
- D. River, Sherford Bridge; Druce near Piddletown.
- F. River Stour; Sturminster Newton; Blandford; West Parley.
Devon, Hants, Somerset, Wilts, Normandy.
- P. flabellatus, Bab.!** *Fennel-leaved Pondweed.*
Potamogeton maritimum ramosissimum grandiusculis capitulis, capillaceo folio, Raii Syn. P. marinum, Huds.
C. C. B. p. 583. Syme, E. B. ix. t. 1420. Phyt. iv. p. 1158. Pult. p. 70.
Rivers, ponds and ditches near the sea; native; rare. P. July.
- C. Lodmoor.
- G. Corfe river near Wych; Little Sea.
Hants, Somerset, Normandy.
- P. pusillus, L.!** *Small Pondweed.*
P. pusillum gramineo folio caule tereti, Raii Syn.
C. C. B. p. 342. Syme, E. B. ix. t. 1419. Pult. p. 70.
Ponds and ditches; native; rare. P. July.
- D. Sherford Bridge.
- F. Stour, Wimborne; Moor's river between Uddens and St. Leonard's Bridge.
Devon, Isle of Wight, Somerset, Wilts, Normandy.
- P. acutifolius, Link.!** *Sharp-leaved Pondweed.*
C. C. B. p. 342. Syme, E. B. ix. p. 46, t. 1416.
Ditches and ponds; native; rare. P. June, July.
- D. Ditches, Wareham on the north side of the town.
- P. crispus, L.!** *Curled Pondweed.*
Tribulus aquaticus minor Quercus floribus, Ger. em.
C. C. B. p. 343. Syme, E. B. ix. t. 1413.
Ditches, slow streams and ponds; native; frequent. P. July, August.

- B. Lake, Melbury Park.
 D. Ditches, Bestwall near Wareham.
 E. Stream between Lydlinch and Bagbere.
 F. Stepleton Lake; ditches communicating with the river Allen between High Hall and Wimborne; river, Witchampton.
 G. River Frome, Wareham.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. perfoliatus, L.!** *Perfoliate Pondweed.*
Potamogeton tertium Dodonæi, Ger. em.
 C. C. B. p. 343. Syme, E. B. ix. t. 1412.
 Ditches, rivers and lakes; native; frequent. P. July, August.
 D. River Piddle, Wareham.
 F. River Stour, Wimborne; West Parley; river Allen, Crichel.
 G. River Frome, East Stoke.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. lucens, L.!** *Great Pondweed.*
Potamogeton longis acutis foliis, Ger. em. P. aquis immersum folio pellucido, lato, oblongo, acuto, C. B. Pin.
 C. C. B. p. 343. Syme, E. B. ix. t. 1408.
 Rivers, ponds and slow streams; native; common. P. June, July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. natans, L.!** *Floating Pondweed.*
Potamogeton rotundifolium, C. B. Pin. P. fontenalis major latifolia vulgaris, Park.
 Syme, E. B. ix. t. 1399.
 Rivers, ponds and ditches; native; common. P. May—July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. polygonifolius, Pourr.!** *Oblong-leaved Pondweed.*
P. seu Fontalis minor latifolia, Park.
 C. C. B. p. 345. Syme, E. B. ix. t. 1400.
 Ditches, small streams and ponds; native; common, especially on the heath districts. P. June, July.
 Devon, Hants, Somerset, Wilts, Normandy.

RUPPIA, L.

- R. maritima, L.!** *Greater Ruppia.*
Potamogeton maritimum gramineis longioribus foliis, fructu fere umbellato, Pluk., Raii Syn.

The species marked *R. maritima* in Pult. Herb., British Museum is *R. rostellata*.

C. C. B. p. 346. Syme, E. B. ix. t. 1427.

Brackish ditches and pools; native; frequent.

C. Salt-marsh between Poole and Parkstone.

G. Plentiful in the ditches below Redcliff, Wareham and at Wych.

Devon, Hants, Somerset, Normandy.

R. rostellata, Koch.! *Lesser Ruppia*.

C. C. B. p. 585. Syme, E. B. ix. t. 1428.

Brackish ditches and pools; native; rare. P. July.

C. Ditches, Lodmoor near the turnpike-gate; salt-marsh, Parkstone.

Somerset, Hants, Normandy.

ZANNICHELLIA, L.

Z. palustris, L.! *Common Horned Pondweed*.

Aponogeton aquaticum graminifolium staminibus singularibus Pluk., Raii Syn.

C. C. B. p. 346. Syme, E. B. ix. t. 1425. Pult. p. 95.

Ditches, pools and lakes; native; common. P. May—July.

F. Ditches in communication with the river Stour, *Dr. Pulteney*; pond between Broadley Wood and Traveller's Joy, Durweston; river Stour, Canford.

G. Pond, Swanage near the church; Ulwell; Shortland under Swyre Head, Kimeridge; pond near Holme Priory.

Var. b. Z. pedicellata, Fries.!

C. C. B. p. 585. Syme, E. B. ix. t. 1426.

C. Abbotsbury, ditches near the Swannery.

This is the *Z. pedunculata* of several books.

Devon, Hants, Somerset, Wilts, Normandy.

ZOSTERA, L.

Z. marina, L.! *Common Grasswrack*.

Fucus marinus, sive Alga marina graminea, Park.

C. C. B. p. 346. Syme, E. B. ix. tt. 1429, 1430. Pult. pp. 64, 95, *bis*.

Sandy and muddy sea-shores, and at the mouth of rivers, rarely in brackish water; native; common. P. August, September.

At the time of the cotton famine this plant was proposed as one of several substitutes for the American plant, but no practical result came from the suggestion.

Generally distributed around the sea-coast.

Devon, Hants, Somerset, Normandy.

Z. nana, Roth.! *Dwarf Grasswack.*

Cyb. Brit. iii. p. 25. C. C. B. p. 346. Syme, E. B. ix. t. 1431.

On the shores of sandy and muddy creeks; native; rare.

P. August, September.

G. Poole Harbour, *Mr. W. Borrer.*

Isle of Wight, Somerset, Normandy.

LEMNACEÆ.**LEMNA, L.****L. minor, L.!** *Lesser Duck-weed.*

Lens palustris, Ger. em.

C. C. B. p. 347. Syme, E. B. ix. t. 1399.

Ponds and ditches; native; common. P. May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

L. polyrhiza, L.! *Greater Duckweed.*

Lenticula palustris major, Dillen. in Raii Syn.

C. C. B. p. 347. Syme, E. B. ix. t. 1397.

Ponds and ditches; native; rare. P. Flowers not known in England.

G. In ditches, Stoborough meadows.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

L. trisulca, L.! *Ivy-leaved Duckweed.*

Lenticula aquatica trisulca, C. B. Pin.

C. C. B. p. 347. Syme, E. B. ix. t. 1394. Pult. p. 95.

Ponds and ditches; native; not common. P. June.

F. Ditches in the neighbourhood of the Stour at Spettisbury,

Rev. E. Binfield; Sturminster Marshall.

G. Ditches, Stoborough meadows.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

ARACEÆ.**ARUM, L.****A. maculatum, L.!** *Common Cuckoo-pint.*

Arum vulgare maculatum et non maculatum, Park.

C. C. B. p. 348. Syme, E. B. ix. t. 1392.

Hedge-banks and open woods; native; common. P.

April, May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ACORUS, L.

A. Calamus, L. ! *Sweet Flag.**Acorus verus, officinis falso calamus, Ger. em.*

C. C. B. p. 348. Syme, E. B. ix. t. 1391. Pult. p. 77.

In shallow water by the sides of ponds and streams; native;
very rare. P. June.E. "In the River Stour in two or three places between Blandford
and Sturminster Newton. I have heard that it grows
also in the river Frome," *Dr. Pulteney.*F. Shallow parts of the Stour near Hanford, *Rev. E. Fox.*
Devon, Hants, Somerset, Normandy.

TYPHACEÆ.

SPARGANIUM, Tournef.

S. natans, L. *Small Bur-reed.*

C. C. B. p. 349. Syme, E. B. ix. t. 1390. Pult. p. 95.

In ditches and small pools; native; very rare. P.
August."Merrett seems to have been the first who noticed this plant
in England," *Dr. Pulteney.*G. Clay-pit, Corfe Castle Heath, *Dr. Pulteney.*
Hants, Somerset, Normandy.S. simplex, Huds. ! *Unbranched Bur-reed.**Sparg. non ramosum, C. B. Pin.*

C. C. B. p. 349. Syme, E. B. ix. t. 1388.

Ditches and shallow water; native; common. P. July.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. ramosum, Huds. ! *Branched Bur-reed.**Spargarium ramosum, C. B. Pin., Ger. em., Park.*

C. C. B. p. 349. Syme, E. B. ix. t. 1387.

Rivers and ditches; native; common. P. June, July.
Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

TYPHA, L.

T. latifolia, L. ! *Common Cat's-tail.**Typha palustris major, J. B. P.*

C. C. B. p. 349. Syme, E. B. ix. t. 1385

Rivers, pool and ditches; native; frequent. P. June,
July.

- C. Ditches on north side of Chaffey's Lake near Radipole Farm, *Mr. W. B. Barrett*; Lodmoor; river Frome between Wool and Wareham; Moreton Lake.
 - D. Lake, Morden Park; river, Chamberlayne's.
 - F., Crichel Lake; river Stour, Durweston and Sturminster Marshall; Moor's river near St. Leonard's Bridge.
 - G. Watercourses, Stoborough meadows; Arne.
Devon, Hants, Somerset, Wilts, Normandy.
- T. angustifolia, L.!** *Narrow-leaved Cat's-tail.*
Typha palustris media, Raii Syn.
 C. C. B. p. 350. Syme, E. B. ix. t. 1386. Pult. p. 95.
 Ditches and pools; native; rare. P. June, July.
- C. Banks of the Frome between East Stoke and Wareham.
 - E. In ditches communicating with the Stour near Sturminster Newton, *Dr. Pulteney*.
 - G. Clay-pits, Creech.
Devon, Hants, Somerset, Normandy.

JUNCACEÆ.

JUNCUS, L.

- J. conglomeratus, L.!** *Common Rush.*
Juncus lævis vulgaris panicula compactiore, Raii Syn.
 C. C. B. p. 350. Syme, E. B. x. t. 1560.
 Wet places; native; common. P. July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- J. effusus, L.!** *Soft Rush.*
Juncus lævis vulgaris panicula sparsa, Raii Syn.
 C. C. B. p. 351. Syme, E. B. x. t. 1561.
 Damp places; native; common. P. July, August.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- J. diffusus, Hoppe.** *Diffuse Rush.*
 C. C. B. p. 352. Syme, E. B. x. t. 1562.
 Damp pastures; native; rare. P. May, June.
- G. Meadows, Kimeridge.
 There is a doubt as to whether this plant is a hybrid or only a variety of *J. effusus*; it is at all events sterile.
 Isle of Wight, Somerset.
- J. glaucus, Sibth.!** *Hard Rush.*
Juncus acutus panicula sparsa, C. B. Pin.
 C. C. B. p. 351. Syme, E. B. x. t. 1563.

Damp places and road-sides ; native ; common. P. May—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

J. maritimus, Sm.! *Lesser Sea Rush.*

J. acutus maritimus Anglicus, Park. Juncus acutus, Pulteney.

C. C. B. p. 352. Syme, E. B. x. t. 1559. Pulteney, p. 77.

Salt-marshes ; native ; frequent. P. July, August.

C. Radipole.

F. Ham ; Poole Harbour.

G. Abundant at South Haven ; Wych ; Arne.

Devon, Hants, Somerset, Wilts, Normandy.

J. acutiflorus, Ehrh.! *Sharp-flowered Rush.*

Gramen junceum aquaticum magis sparsa panicula, Park.

Gramen junceum sylvaticum, Ger. em.

C. C. B. p. 352. Syme, E. B. x. t. 1567.

Ditches, wet meadows and boggy heaths ; native ; common.

P. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

J. lamprocarpus, Ehrh.! *Shiny-fruited Rush.*

Gramen junceum folio articulato aquaticum, C. B. Pin.

Juncus foliis articulosis floribus umbellatus, Raii Syn.

C. C. B. p. 352. Syme, E. B. x. tt. 1568, 1569.

Wet places ; native ; common. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

J. obtusiflorus, Ehrh.! *Blunt-flowered Rush.*

Gramen junceum sylvaticum, Ger. em.

C. C. B. p. 353. Syme, E. B. x. t. 1566.

Ditches and wet places ; native ; rare. P. June, July.

D. Ditches between Wareham and the Railway-station.

G. Ditches, Stoborough meadows.

Devon, Hants, Somerset, Wilts, Normandy.

J. compressus, Jacq.! *Round-jointed Rush.*

Juncus parvus cum pericarpis rotundis, J. B. P. Gramen

s*

juncum maritimum vel palustre cum pericarpis rotundis,
Raii Syn.

Juncus bulbosus, L. (Sm. Eng. Bot.)

C. C. B. p. 353. Syme, E. B. x. t. 1575.

Marshy places; native; rare. P. June, July.

G. Marsh between South Haven and Little Sea, Studland.
Devon, Somerset, Wilts, Normandy.

J. Gerardi, Lois. ! *Mud Rush.*

Juncus compressus, sub. sp. Hook. St. Fl.

Juncus cœnosus, Sm. Eng. Fl. vol. ii. p. 166.

C. C. B. p. 353. Syme, E. B. x. t. 1576.

Salt-marshes and on sea-shores; native; frequent. P. June
—September.

A. Salt-marsh, West Bexington; river-side near the Harbour,
Bridport; Swannery, Abbotsbury.
C. Ham; North Haven; Poole Harbour; Lodmoor.
G. Salt-marsh, South Haven; Little Sea, Studland.
Devon, Hants, Somerset, Normandy.

J. supinus, Mœnch. *Lesser-jointed Rush.*

Gramen juncum capsulis triangulis minimum, Raii Syn.

Gramen juncum minor, Ger. em. *Juncus uliginosus*,
Sibth.

C. C. B. p. 353. Syme, E. B. x. t. 1570.

Bogs and wet heaths; often viviparous; native; common.

P. June, July.

Generally distributed.

Devon, Hants, Somerset, [Wilts,] Normandy.

J. bufonius, L. ! *Toad Rush.*

Gramen juncum parvum, sive Holosteum Matthioli et Gramen
bufonium Flandrorum, Park.

Damp sandy places and wet fields; native; common. A. July,
August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

J. squarrosus, L. ! *Heath Rush.*

Juncus montanus palustris, Raii Syn.

C. C. B. p. 354. Syme, E. B. x. t. 1576. Pult. p. 77.

Moist heaths; native; frequent. P. June, July.

C. Moreton Heath.

D. Bloxworth and Bere Heaths.

- F. Canford Heath.
- G. Wareham, Grange, and Studland Heaths.
Devon, Hants, Somerset, Wilts, Normandy.

LUZULA, D C.

- L. sylvatica, Bich.!** *Great Wood Rush.*
Gramen nemorosum hirsutum latifolium maximum, Raii Syn.
Juncus maximus, With.
C. C. B. p. 355. Syme, E. B. x. t. 1549. Pult. p. 77.
Salter's List.
Woods and heaths; native; frequent. April—June.
- D. Ilsington Wood; Yellowham Wood; Chamberlayne's;
Gray's Wood, Turner's Piddle.
- F. Litchet Wood, *Dr. Salter*; Houghton Wood; Park Wood;
Delcombe Wood, Milton Abbey.
- G. Heathy ground, Grange on the north-east side of the
House.
Devon, Hants, Somerset, Wilts, Normandy.

- L. pilosa, Willd.!** *Broad-leaved Hairy Wood Rush.*
Gramen nemorosum hirsutum vulgare, Raii Syn.
C. C. B. p. 355. Syme, E. B. x. t. 1548. Pult. p. 77.
Woods and thickets; native; common. P. April.
- A. Puncknoll Wood.
- D. Ilsington and Yellowham Woods.
- E. Piddle Wood, near Sturminster Newton; lane near Bagbere;
Melcombe Park.
- F. Henbury Wood; Western's Wood, Whatcombe; Holt
Wood.
- G. Grange.
Devon, Hants, Somerset, Wilts, Normandy.

- L. Forsteri, D C.!** *Narrow-leaved Hairy Wood Rush.*
Juncus Forsteri, Sm. Eng. Fl.
C. C. B. p. 356. Syme, E. B. x. t. 1547.
Woods, thickets and hedge-banks; native; rare. P.
April.
- E. Piddle Wood, near Sturminster Newton.
Devon, Isle of Wight, Somerset, Normandy.

- L. campestris, Willd.!** *Field Wood Rush.*
Gramen hirsutum capitulis Psylli, C. B. Pin.
Gramen Luzulæ minus, J. B. P.

C. C. B. p. 356. Syme, E. B. x. t. 1551.
 Dry fields and pastures; native; common. P. March—
 May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

L. multiflora, Lej.! *Many-headed Wood Rush.*
 C. C. B. p. 356. Syme, E. B. x. t. 1556.
 Heaths, marshy ground and open woods; native; frequent.
 P. June.
 D. Chamberlayne's; Ilsington; Morden.
 F. Holt; Horton; Verwood; Uddens.
 G. Grange and Studland Heaths.

Var. b. congesta, Sm.! With sessile spikelets and a roundish
 lobed head; it is as frequently met with as the above, and
 in similar localities.
 Devon, Hants, Somerset, Wilts, Normandy.

CYPERACEÆ.

CYPERUS, L.

- C. longus, L.!** *Sweet Galingale.*
C. odoratus radice longa, seu Cyperus off., C. B. P.
 Cyb. Brit. iii. 61. C. C. B. p. 357. Syme, E. B. x. t. 1578.
 Raii Syn. p. 425. Huds. Fl. Ang. p. 16.
 Marshes and wet meadows; native; very rare. P. July—
 September.
- D. "In my copy of Parkinson's *Theatrum Botanicum*, under
 the description of the different kinds of *Cyperus*, the
 fourth being *Cyperus longus odoratus*, the ordinary *Sweet*
Cyperus, there is a MS. note as follows: 'The fourth
 groweth in moist grounds in some places of Dorsetshire,
 as in Alton Pancras Parish, not far from Mr. Arnold's
 house,'" *Mr. F. Stratton, Newport, Isle of Wight*, 10
 May, 1870.
- G. "Found by *Mr. Newton* in the Isle of Purbeck, Dorsetshire,
 near a chapel on the side that looks towards Portland
 Isle," *Mr. Ray*. Found in 1847 by *Mr. Hussey* at
 Ulwell, near Swanage. (This is obviously not the station
 mentioned by *Mr. Newton*.)
 Isle of Wight, Somerset, Wilts, Normandy.

CLADIUM, R. Br.

C. Mariscus, R. Br.! Fen Sedge.

Cyperus longus inodorus sylvestris, Ger. em.; *Schænus Mariscus*, L.

C. C. B. p. 357. Syme, E. B. x. p. 1580. Pult. p. 65.

Fens and bogs; native; rare. P. July.

A. Hawkchurch Copse.

C. At Weymouth by the Fleet in ditches communicating with the salt water, *Dr. Pulteney*; Swannery, Abbotsbury.

D. Morden Mill-pond.

Hants, Somerset, Normandy.

SCHÆNUS, L.

S. nigricans, L.! Black Schænus.

Juncus lævis minor panicula glomerata nigricante, Raii Syn.

Cyperus nigricans, With.

C. C. B. p. 358. Syme, E. B. vi. t. 1579. Pult. p. 65.

Phyt. iii. p. 262.

Bogs; native; frequent. P. June—August.

A. Poorstock Common, Rev. E. Fox.

C. Moreton Heath; bog near Oaker's Wood.

D. Bogs north of Chamberlayne's Mill.

F. Parkstone, Mr. J. Woods.

G. Marshes, South Haven; Wych; Arne; Creech; Holme. Devon, Hants, Somerset, Normandy.

RHYNCOSPORA, Vahl.

R. alba, Vahl.! White-beak Sedge.

Gramen junceum leucanthemum, Ger. em. *Schænus albus*, L.

C. C. B. p. 358. Syme, E. B. x. t. 1582. Pult. p. 65.

Spongy bogs; native; frequent. P. July—September.

C. Moreton Heath.

D. Chamberlayne's; bog south of Turner's Piddle, by the side of the road.

F. Ensbury; West Parley and Verwood Heaths.

G. Common on the bogs of Wareham, Canford and Poole Heaths, *Dr. Pulteney*.

Devon, Hants, Somerset, Wilts, Normandy.

R. fusca, Sm.! Brown Beak-Sedge.

Cyperus minor angustifolius palustris capitulis fuscis paleaceis, Raii Syn. *Schænus fuscus*, L.

C. C. B. p. 358. Syme, E. B. x. t. 1581. Sm. Eng. Fl. p. 53. Phyt. iii. p. 262.

Spongy bogs; native; not very uncommon. P. June—September.

- C. Winfrith Heath, *Mr. J. Woods*.
 - D. Bog near Mr. Radclyffe's Lodge (north side), on the Wareham and Bere turnpike; Decoy Heath near Morden.
 - F. Bogs between Uddens and Verwood.
 - G. "Originally gathered near the Isle of Purbeck, Dorsetshire, by the Rev. Mr. Lightfoot," *Smith*; bogs on the Wareham and Holme heaths (frequent).
- Hants, Somerset, Normandy.

BLYSMUS, Panz.

- B. compressus, Panz.!** *Broad-leaved Blysmus.*
Gramen cyperoides spica simplici compressa disticha, Raii
Syn.; *Carex uliginosa, L.* *Schænus compressus, Sm.*
C. C. B. p. 358. Syme, E. B. x. t. 1583.
Damp pastures and by the sides of streams; native; rare.
P. July.
- D. Marshy ground, Roke Farm, Bere Regis.
[Devon], Hants, Somerset, Wilts, Normandy.

SCIRPUS, L.

- S. lacustris, L.!** *Common Bullrush.*
S. palustris altissimus, Raii Syn.
C. C. B. p. 359. Syme, E. B. x. t. 1596.
Lakes, ponds and slow streams; native; common. P.
June—August.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- S. glaucus, Sm.!** *Glaucous Bullrush.*
Juncus sive Scirpus medius, C. B. Pin.
Scirpus palustris, b. Sm. E. B. No. 2321. Scirpus Tabernemontance, Gmel.
C. C. B. p. 359. Syme, E. B. x. t. 1596. *Salter's List.*
Mud-banks of tidal rivers, brackish water and marshes;
native; rare. P. July, August.
C. Seldown, Poole, *Dr. Salter*; water-courses, Lodmoor.
G. River Frome below Wareham; Wych; Arne; shore of
Little Sea, Studland.
Devon, Hants, Somerset, Wilts, Normandy.
- S. setaceus, L.!** *Bristle-like Club-rush.*
Scirpus foliaceus humilis, Raii Syn. Isolepis setacea, R. Br.
C. C. B. p. 360. Syme, E. B. x. t. 1594. *Pult. p. 66.*
In damp places, especially such as are inundated in winter;
on sandy and gravelly soils; native; not common. P.
July, August.
- D. Sandford Bridge, *Dr. Pulteney*; Spring Garden copse near
Chamberlayne's; Trigon Hill.

- G. Between Wareham and Corfe Castle, *Dr. Pulteney*; Barnston Wood; sides of fields, Steeple Leaze farm.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

S. Savii, *S. et M.*! *Savii's Club-rush.*

Isolepis Savii, *Schultz.*

C. C. B. p. 360. Syme, E. B. x. t. 1593.

Wet places, especially near the sea; native; frequent. P.
(*A. Bab.*) August.

- C. Portland, Eastcliff, (*Sir W. Hooker*;) *Mrs. M. Frampton*;
Portland, Western Undercliff, *Mr. H. Groves*; North Haven.

- G. Springs in the cliffs, Studland, *Mr. W. Borrer*; muddy shore,
Poole Harbour; Arne; Middle Sea.

Var. b. monostachys, *Syme.*

Isolepis pygmaea, *Kunth.*

This variety is the most common, and grows in all the
above-mentioned localities.

Devon, Isle of Wight, Somerset, Normandy.

S. maritimus, *L.*! *Sea Club-rush.*

Gramen aquaticum cyperoides vulgatus, *Ger. em.*

C. C. B. p. 361. Syme, E. B. x. t. 1601. Pult. p. 66.

In brackish ditches and salt-marshes, rarely occurring
inland; native; frequent. P. June—August.

- A. West Bexington, ditches adjoining Chesil-Beach; river
Brit, Bridport Harbour.
C. Ditches on the west side of Weymouth-backwater; Lod-
moor.
F. River Stour near Durweston, *Dr. Pulteney*; abundant on
the banks of the Stour opposite Bryanston House.
G. Wych; Arne; South Haven; Little Sea, Studland.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

S. sylvaticus, *L.*! *Wood Club-rush.*

Cyperus gramineus miliaceus, *Ger. em.*

C. C. B. p. 361. Syme, E. B. x. t. 1602. Pult. p. 66.

Wet places, especially by the sides of ditches and streams
and in woods; native; rare. P. July.

- A. Banks of the river near Bridport, *Mr. Jefford*.
E. Banks of the Stour, a little above Hayward Bridge, *Rev.*
E. For.
F. By the river Stour, and many places near Blandford, *Dr.*
Pulteney; banks of the Stour between Sturminster
Marshall and Henbury.
Devon, Hants, Somerset, Wilts, Normandy.

S. palustris, L.! *Marsh Club-rush.**Juncus minor capitulis equiseti, Ger. em.*

C. C. B. p. 361. Syme, E. B. x. t. 1586.

By the sides of ponds and lakes, also in marshes; native; very common. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

S. uniglumis, D C.! *Link's Club-rush.*

C. C. B. p. 361. Syme, E. B. x. t. 1587. Phyt. iii. p. 262.

In wet sandy places, on the borders of rivers and ditches near the sea; native; rare. P. July.

D. Boggy moor near Chamberlayne's, on the south side of Black Hill.

F. Parkstone, *Mr. J. Woods.*

Normandy.

S. multicaulis, Sm.! *Many-stemmed Club-rush.**Sc. equiseti capitulis crassioribus et habitioribus humilis et multicaulis, Raii Syn. Sc. palustris, b. L. Eleocharis multicaulis, Sm.*

C. C. B. p. 362. Syme, E. B. x. t. 1588. Sm. Eng. Fl. i. p. 64. Bab. Man. p. 371.

Marshy places and heaths; native; frequent. P. June, July.

Generally distributed in the heath district.

C. Moreton Heath.

D. Chamberlayne's and Bere Heaths.

F. West Parley and Verwood Heaths.

G. Arne, Wareham and Studland Heaths.

Devon, Hants, Somerset, Wilts, Normandy.

S. pauciflorus, Lightf.! *Chocolate-headed Club-rush.**S. Bæothryon, L.*

C. C. B. p. 362. Syme, E. B. x. t. 1589.

In wet places and moors; native; rare. P. June, July.

D. Heath between Black Hill and Chamberlayne's, Bere Regis.

Devon, Isle of Wight, Somerset, Normandy.

S. cæspitosus, L.! *Scaly stemmed Club-rush.**S. maritimus capitulo breviori, Raii Syn.*

C. C. B. p. 362. Syme, E. B. x. t. 1590. Pult. p. 66.

On heaths and commons; native; common. P. April—July.

D. Chamberlayne's Heath.

F. Corfe Mullen, *Dr. Salter.*

G. Agglestone, Studland Heath; Wareham Heath.

Devon, Hants, Somerset, Wilts, Normandy.

S. acicularis, L. *Slender Club-rush.*

Scirpus minimus capitulis equiseti, Raii Syn. *Eleocharis acicularis*, Rœm.

C. C. B. p. 362. Syme, E. B. x. t. 1585. Pult. p. 66.

Margins of lakes and pools; native; rare. P. August.

A. Boggy pools on the heath, but not common, Dr. Pulteney.

C. Branksea Island near Poole, Dr. T. B. Salter.

Devon, Isle of Wight, Somerset, Normandy.

S. parvulus, Rœm et Schultz.! *Least Club-rush.*

C. C. B. p. 587, Sup. p. 168. Syme, E. B. x. t. 1591.

Journ. Bot. 1870, p. 290.

Sandy and muddy ground near the sea; native; very rare.

P. July—September.

This plant was discovered in 1835 by Rev. G. F. Smith in a mud-flat near Lymington, Hants, and, although carefully searched for subsequently by the discoverer and the late Mr. Borrer, it was not found there again. The plant, however, was restored to the British Flora in July 1870, when I had the good fortune to meet with it, my energies having been stimulated by its discovery in Ireland by Mr. A. G. More in 1869.

G. Shores of Little Sea, Studland.

Normandy.

S. fluitans, L.! *Floating Club-rush.*

S. equiseti capitulo minori, Raii Syn.

C. C. B. p. 363. Syme, E. B. x. t. 1592. Pult. p. 66.

In ditches and ponds; native; common. P. July—September.

Generally distributed in the heath districts.

Devon, Hants, Somerset, Wilts, Normandy.

ERIOPHORUM, L.**E. angustifolium, Roth.!** *Common Cotton Grass.*

Gramen pratense tomentosum panicula sparsa, C. B. Pin.

Eriophorum polystachium, L. (Bab. Man.)

C. C. B. p. 363. Syme, E. B. x. t. 1605. Pult. p. 66.

Bogs; native; very common. P. April—May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

E. latifolium, Hoppe.! *Downy-stalked Cotton Grass.*

E. polystachium, Sm. E. B. ed. 1, No. 563.

C. C. B. p. 363. Syme, E. B. x. t. 1608.

Bogs; native; rare. P. April, May.

- G. Boggy meadow at Ulwell, growing with *Cyperus longus* ;
bogs on Wareham Heath.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

CAREX, L.

C. dioica, L.! *Creeping Diœcious Sedge.*

*Gramen cyperoides spica simplici cœssa (male plant) ;
gramen cyperoides minimum, ranunculi capitulo rotundo
(female plant), Raii Syn.*

C. C. B. p. 364. Syme, E. B. x. t. 1610. Pult. p. 95.

In bogs and wet heaths; native; rare. P. May, June.

- G. Agglestone Bog near Studland, *Mr. W. Borrer*,
Somerset, Hants, Normandy.

C. pulicaris, L.! *Flea Sedge.*

*Gramen cyperoides minimum, seminibus deorsum reflexis
puliciformibus, Raii Syn.*

C. C. B. p. 364. Syme, E. B. x. t. 1612. Pult. p. 95.

Heaths; native; frequent. P. May, June.

Generally distributed on the heath district.

- A. Pillesdon Pen (*Greensand*).
C. Chalk range between Arish Mill and West Lulworth, *an
unusually dry locality* ; Abbotsbury Weirs (*Greensand*).
Devon, Hants, Somerset, Wilts, Normandy.

C. stellulata, Good.! *Little Prickly Sedge.*

*Gramen cyperoides spicatum minimum, spica divulsa aculeata,
Raii Syn. Carex muricata, Huds. Fl. Ang. (not L.)*

C. C. B. p. 365. Syme, E. B. x. t. 1626.

In bogs; native; common. P. May, June.

Generally distributed over the heath district.

- A. Bog, Ashley; Pillesdon; Hawkchurch Wood.
Devon, Hants, Somerset, Wilts, Normandy.

C. ovalis, Good.! *Oval-spiked Sedge.*

*Gramen cyperoides spica e pluribus spicis brevibus mollibus
composita, Raii Syn. C. leporina, Huds. Fl. Ang.*

C. C. B. p. 366. Syme, E. B. x. t. 1634. Pult. p. 96.

In meadows and marshes; native; frequent. P. June.

- A. Pillesdon Wood.
C. Road between Oakers Wood and Waddock, near Moreton.
D. Morden; pasture, near the copse about half-a-mile from
Bere Regis on the Poole turnpike; Chamberlayne's.
E. Meadow in King's Mill; Donclyffe Wood; Prince's Wood;
Middle Marsh.

- F. In sandy ground by the river Stour, *Dr. Pulteney*; Manaton Wood; Alderholt.
 G. Stoborough; Studland; Whiteway; Blackmanston, Steeple; Povington.

Var. *b. bracteata*, Syme.

Syme, E. B. x. p. 104.

- A. Meadows between Bridport and Loders.
 Devon, Hants, Somerset, Wilts, Normandy.

C. *remota*, L. ! Distant-spiked Sedge.

Gramen cyperoides angustifolium, spicis parvis sessilibus in foliorum alis, Raii Syn.

C. C. B. p. 367. Syme, E. B. x. t. 1227. Pult. p. 96.

In moist woods and hedge-banks; native; common. P.
 May, June.

- A. Hedges, Wootton Fitzpaine; Litton Cheney.
 C. Wool Wood.
 D. Spring Gardens, Bere Regis; water-course, Alton Pancras.
 E. Woolland Wood; Bingham's Melcombe Grove.
 F. Sturminster Marshall; Steepleton Park; Crichel Lake;
 Alderholt; ditches, Sturminster Marshall; ditches near
 Wimborne on the Ringwood road.
 G. Barnston Wood; Grange; Horse Copse, Steeple.
 Devon, Hants, Somerset, Wilts, Normandy.

C. *intermedia*, Good. ! Soft Brown Sedge.

Gramen cyperoides, spica totali e pluribus spicis composita, Plukenet, Raii Syn. Carex disticha, Huds. Fl. Ang.

C. C. B. p. 368. Syme, E. B. x. t. 1617. Pult. p. 96.

In meadows, sides of ditches and rivers; native; not common.
 P. May, June.

- C. Water meadows, Stinsford near Dorchester, *Mr. J. H. White*.
 D. Wet meadows, Chamberlayne's; Morden Park; between the
 Wareham railway-station and Keysworth.
 E. Hayward Bridge.
 F. Wet meadows, Charlton, near the river.
 G. Holme; between Arne and Stoborough.
 Devon, Hants, Somerset Wilts, Normandy.

C. *arenaria*, L. ! Sea Sedge.

Gramen cyperoides in maritimis et arenosis nascens, Plukenet, Raii Syn.

C. C. B. p. 368. Syme, E. B. x. t. 1218.

Usually on sandy sea-shores; native; locally common. P.
 June.

- C. Sand-banks, Smallmouth Sands, and on the Portland side of the Ferry-bridge.
- F. Canford Heath, three miles from the coast, *Dr. Trimen*.
- G. Studland sand-banks; North and South Haven, Poole.
Devon, Hants, Somerset, Normandy.
- C. divisa**, *Huds. ! Bracteated Marsh Sedge.*
Gramen cyperoides spica divulsa, *J. B. P.*, *Raii Syn.*
C. C. B. p. 368. Syme, E. B. x. t. 1216.
In meadows and marshes near the sea; native; rare P.
May, June.
- A. Marshy field, West Bexington; sea-shore between Bridport and Eype; field between Bridport and the Harbour.
- C. Shore of backwater near Radipole, east side.
Devon, Hants, Somerset, Normandy.
- C. muricata**, *L. ! Greater Prickly Sedge.*
Gramen cyperoides spicatum minus, *Raii Syn.* *Carex spicata*, *Huds.*
C. C. B. p. 368. Syme, E. B. x. t. 1224. Pult. p. 96.
In meadows, woods, banks and by road-sides; native;
frequent. P. May, June.
- A. Road-side between Bridport and the Harbour; Beaminster.
- B. Honeycombe Wood.
- E. Eastbury park-wall.
- F. Longthorns.
- G. St. Alban's Head; Gadcliff; Smedmore; Barnston meadows.
Devon, Hants, Somerset, Wilts, Normandy.
- C. divulsa**, *Good. ! Grey Sedge.*
Gramen cyperoides spicatum minus, spica longa divulsa seu interrupta, *Raii Syn.*
C. C. B. p. 369. Syme, E. B. x. t. 1225. Pult. p. 96.
Hedge-banks and woods; native; frequent. P. May.
- D. Shitterton Lane; Piddle Wood.
- E. Chase Woods; river side near Bishop's Caundle; copse, Bingham's Melcombe between the House and Harefoot Lane.
- F. Lane between Whitchurch and Whatcombe; High Hall Wood; Lee Wood; Longthorns; Durweston Lane; hedges near the Reformatory School.
- G. Hedges, Church Knowle; Tyneham Wood.
Devon, Hants, Somerset, Wilts, Normandy.
- C. vulpina**, *L. ! Great Sedge.*
Gramen cyperoides palustre majus compacta, *Raii Syn.*

C. C. B. p. 369. Syme, E. B. x. t. 1223.

Marshes, wet banks and woods; native; common. P. May.

A. Ditches, West Bexington near the beach.

C. The Fleet, Wyke Regis.

D. River-side, Bere Regis.

E. Donclyffe Wood.

F. Banks of the Stour, Durweston; West Parley.

G. Ditches, Kimeridge copse; banks of Corfe River.

Devon, Hants, Somerset, Wilts, Normandy.

[*C. teretiuscula*, Good. *Lesser Panicked Sedge*.

Cyb. Brit. iii. p. 107. C. C. B. p. 369. Syme, E. B. x. t. 1619. Salter's List.

Marshes and wet meadows; native; rare. P. May.

C. Sea-shore, Seldown, Dr. Salter.

Devon, Hants, Somerset, Wilts, Normandy.]

C. paniculata, L.! *Greater-panicked Sedge*.

Gramen cyperoides palustre elatius spica longiore laxa, Raii Syn.

C. C. B. p. 370. Syme, E. B. x. t. 1222. Pult. p. 96.

Marshes and wet ditches; native; frequent. P. June.

A. Hook Park; Ashley Wood, Gorwell; marshy ground below Golden Cap; Gabriel's Wood, Chideock.

C. Chamberlayne's, river-side and in the wet marshy meadows.

D. Norwood, Stoke; Morden Lake.

E. Copse on the west side of Woolland; Melcombe Park; Middlemarsh.

F. On the river Stour in several places; Crichel Lake.

G. Barnston Wood; moist wood north-east of Grange House.

Devon, Hants, Somerset, Wilts, Normandy.

C. vulgaris, Fries.! *Common Sedge*.

C. C. B. p. 370. Syme, E. B. x. t. 1243.

Meadows and marshes; native; common. P. May, June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

C. stricta, Good.! *Tufted Sedge*.

Gramen cyperoides foliis caryophylleis, spicis erectis sessilibus e seminibus confertis compositis, Raii Syn.

C. C. B. p. 371. Syme, E. B. x. t. 1638.

In ditches and wet places; native; rare. P. April.

D. Wet meadows, Chamberlayne's.

F. Banks of Stour, West Parley.

Devon, Hants, Somerset, Wilts, Normandy.

C. acuta, L.! *Slender-spiked Sedge.**Gramen cyperoides majus angustifolium, Raii Syn.*

C. C. B. p. 371. Syme, E. B. x. t. 1639.

Sides of streams, rivers and ditches; native; frequent. P.

May.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

C. flava, L.! *Yellow Sedge.**Gramen palustre echinatum, Ger. em.*

C. C. B. p. 372. Syme, E. B. x. t. 1672.

Boggy meadows and heaths; native; common. P. April

—June.

D. Meadows, Roke, Bere Regis; margin of Morden Lake;
Chamberlayne's.

F. Meadows, Winterborne Kingston.

G. Meadows, Grange.

Var. b. lepidocarpa, Tausch, b. C. flava, Godr.Syme, E. B. x. t. 1673. Gren. et Godr. Fl. de France, iii.
p. 424.Often confounded with *C. Œderi*.Marshes, meadows and heaths; native; common. P.
April—June.

D. Marshy ground, Roke, Bere Regis; Chamberlayne's Heath.

G. Studland and Wareham Heaths.

Devon, Hants, Somerset, Wilts, Normandy.

C. Œderi, Ehrh. Œder's Sedge. Carex extensa, With.?

Syme, E. B. x. t. 1674. Reich. Icon. viii. t. 272.

Margins of lakes, ponds and marshes; native; rare. P.
April—June.

D. Wet moor between Bere Regis and Shitterton.

F. Marsh, Litchet Matravers.

Devon, Hants, Somerset, Wilts, Normandy.

C. extensa, Good.! *Long-bracteated Sedge.**Cyperoides echinatum majus, Petiv., Raii Syn.*

C. C. B. p. 272. Syme, E. B. x. t. 1675. Phyt. iii. p. 282.

Marshy ground near the sea; native; not common. P. June.

A. Bridport, on the river-side between the town and Harbour.

C. Marshy ground near the church, Radipole.

G. Salt-marshes between South Haven and Little Sea; marshes
below Wareham; Arne.

Devon, Isle of Wight, Somerset, Normandy.

C. pallescens, L.! *Pale Sedge.**Gramen cyperoides polystachyon flavicans, spicis brevibus
prope summitatem caulis, Raii Syn.*

C. C. B. p. 372. Syme, E. B. x. t. 1657. Pult. p. 96.
Described first in England by Ray, Cat. Ang. i. 144, 2.
In meadows, pastures and shady woods; native; not common. P. May, June.

- A. Witherston, *Rev. E. Fox*; Hook Park.
- D. Chamberlayne's.
- E. Donclyffe Wood; Princes Wood, Middle Marsh.
- F. Longthorns Wood; Holt Wood; Crichel; Queen's Copse, Horton.
- G. Grange Wood.
Devon, Hants, Somerset, Wilts, Normandy.

C. fulva, *Good.!* *Tawny Sedge.*

Carex flava, 2, *With.*

C. C. B. p. 373. Syme, E. B. x. t. 1669.
Boggy meadows; native; rare. P. June, July.

- A. Marshy ground above Ashley Wood.
- D. Boggy ground between Chamberlayne's and Cicely bridges.
Isle of Wight, Somerset, Wilts, Normandy.

C. distans, *L.!* *Distant-spiked Sedge.*

Gramen cyperoides spicis parvis longissime distantibus, *Raii Syn.*

C. C. B. p. 373. Syme, E. B. x. t. 1668.
Marshy ground near the sea; native; not common. P.
May, June.

- A. Bexington beach near Abbotsbury.
- C. Marshy ground, Radipole near the church; marshes, Poole Harbour.
- D. Marshes, Bestwall Farm near Wareham.
- G. Marshes, Wych; between South Haven and Little Sea;
St. Alban's Head.
Devon, Isle of Wight, Somerset, Normandy.

C. binervis, *Sm.!* *Green-ribbed Sedge.*

C. distans, *Lightf. (not L.)*

C. C. B. p. 373. Syme, E. B. x. t. 1667.
Dry heaths; native; frequent. P. May, June.

- A. Gorwell Common; Pillesdon Hill.
- C. West Knighton Heath, *Mr. W. B. Barrett*; Wool Wood; Heffleton Heath; Moreton Heath.
- D. Chamberlayne's and Bere Heaths; Sherford Heath; Morden Heath; field near the third mile-stone from Wareham, on the Bere turnpike.
- F. Upper Manaton Wood near Holt.
- G. Wareham and Studland Heaths; Grange Heath.
Devon, Hants, Somerset, Wilts, Normandy.

C. lævigata, Sm.! *Smooth-stalked Sedge.*

C. C. B. p. 373. Syme, E. B. x. t. 1666.

Marshes and boggy thickets; native; not common. P.
May, June.

A. Hook Park; Hawkchurch Wood.

D. Spring Garden copse between Bere Regis and Bryant's
Piddle.

G. Marsh, Wareham Heath near Creech.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

C. panicea, L.! *Pink-leaved Sedge.**Gramen cyperoides foliis caryophylleis spicis e rarioribus et
tumidioribus granis compositis, Raii Syn.*

C. C. B. p. 374. Syme, E. B. x. t. 1658.

Meadows, pastures and heaths; native; common. P.
May, June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

C. limosa, L.! *Narrow-leaved Mud-Sedge.*

C. C. B. p. 375. Syme, E. B. x. t. 1647, p. 120.

Peaty moors and spongy bogs; native; very rare. P.
June, July.D. Spongy bog near Sherford Bridge, on the west side of the
turnpike.

[Somerset], Hants, Normandy.

C. strigosa, Huds.! *Loose-spiked Wood-Sedge.**Gramen cyperoides polystachyon majusculum latifolium, spicis
multis, longis, strigosis, Raii Syn.*

C. C. B. p. 375. Syme, E. B. x. t. 1661.

Woods and thickets; native; very rare. P. April, May.

A. Hook Park.

Isle of Wight, Somerset, Wilts, Normandy.

C. sylvatica, Huds.! *Pendulous Wood-Sedge.**Gramen cyperoides sylvarum tenuis spicatum, Raii Syn.,
Park., Lob.*

C. C. B. p. 375. Syme, E. B. x. t. 1665.

Woods; native; common. P. May, June.

A. Ashley Wood, Gorwell; Wootton Fitzpaine.

B. Honeycombe Wood; Hook Park.

D. Chamberlayne's.

E. Melcombe Park; Piddle Wood, Sturminster Newton; Short
Wood.

F. Longthorns; High Hall; Chase Woods; Charboro.

- G. Kimeridge Copse; Grange Wood; Hyde Wood; Tyneham Wood; Barnston Copse.
Devon, Hants, Somerset, Wilts, Normandy.
- C. pendula, Huds!** *Great Pendulous Sedge.*
Gramen cyperoides spica pendula longiore, Park.
C. C. B. p. 376. Syme, E. B. x. t. 1660. Pult. p. 96.
Salter's List.
Moist woods and hedges; native; frequent. P. May, June.
A. Puncknoll Wood; Gorwell Copse; Hook Park; Wootton Fitzpaine; hedges, Bexington, Abbotsbury.
C. Buckland Ripers, *Mrs. M. Frampton*; Swannery, Abbotsbury.
E. Short Wood; Prince's Wood, Middle Marsh.
F. On the Stour between Blandford and Durweston, *Dr. Pulteney*; Gain's Cross Copse.
G. Encombe, *Dr. Pulteney*; Kimeridge Copse; Tyneham Wood.
Devon, Hants, Somerset, Wilts, Normandy.
- C. Pseudo-cyperus, L.!** *Cyperus-like Sedge.*
Gramen cyperoides spica pendula brevior, C. B. Pin., Raii Syn.
Pseudo-Cyperus, Ger. em.
C. C. B. p. 376. Syme, E. B. x. t. 1685. Pult. p. 96.
Margins of rivers and ponds; native; rare. P. June.
"Under hedges and in ditches by the borders of the heaths, but not common," *Dr. Pulteney*.
C. Margin of a pond at Bindon Abbey.
Devon, Hants, Somerset, Wilts, Normandy.
- C. glauca, L.!** *Glaucous Heath Sedge.*
Gramen cyperoides, foliis caryophylleis, spicis oblongis e pediculis longioribus pendulis, Raii Syn.
Gram. cyp. nemorosum, spica subnigra recurva, C. B. Pin., Carex recurva, Huds.
C. C. B. p. 376. Syme, E. B. x. t. p. 1644, 1646.
Meadows, pastures, hedge-banks and waste places; native; common. P. May, June.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- C. præcox, Jacq.!** *Vernal Sedge.*
Gramen cyperoides vernum minimum, Raii Syn. Gramen cyp. spicatum, Ger. em.
C. C. B. p. 376. Syme, E. B. x. t. 1655.

Dry heaths and downs; native; common. P. April.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

C. pilulifera, L.! Round-headed Sedge.

Gramen cyperoides spicis brevibus congestis, folio molli, Raii Syn.

C. C. B. p. 377. Syme, E. B. x. t. 1653.

Heaths, pastures and occasionally in woods; native; common.

P. May, June.

A. Common, east side of Puncknoll Wood; Pillesdon Hill.

C. Chamberlayne's Heath.

D. Cold Harbour near Wareham; Black Hill Heath, Bere Regis; Tincleton Wood.

F. Henbury Wood; Whatcombe Common.

G. North Hill, Grange; Wareham Heath.

Devon, Hants, Somerset, Wilts, Normandy.

C. clandestina, Good.! Dwarf Silvery Sedge.

C. prostrata, Allioni Ped. C. humilis, Leyss.

C. C. B. p. 378. Syme, E. B. x. p. 124, t. 1651.

On downs and dry hills; native; very rare. P. March, April.

F. In two places not far from Stepleton at the base of Hod Hill, *Rev. W. Newbould*; Blandford race-course, *Mr. J. W. Green*; Deverill Down, Milborne St. Andrew, plentiful.

Somerset, Wilts, Normandy.

C. hirta, L.! Hairy Sedge.

Gramen cyperoides polystachyon lanuginosum, Raii Syn.

C. C. B. p. 378. Syme, E. B. x. t. 1677. Pult. p. 96.

Wet meadows, woods and watery places; native; common.

P. May, June.

A. Beach near West Bexington.

C. Beach near the Osmington Preventive Station.

D. Chamberlayne's meadows.

E. Melcombe Park Wood.

F. Sides of river, Houghton.

G. Wet meadows, Kimeridge Farm; Puddle Mill.

Devon, Hants, Somerset, Wilts, Normandy.

C. vesicaria, L.! Bladder Sedge.

Gramen cyperoides majus præcox spicis turgidis teretibus flavescens, Raii Syn. Carex inflata, Huds.

C. C. B. p. 379. Syme, E. B. x. t. 1682. Pult. p. 96.

Marshes and wet meadows; native; frequent. P. May.

D. Meadows, Roke Farm, Bere Regis; Morden Park.

- F. New Bridge, *Dr. Pulteney*; ditches near St. Leonard's Bridge on the Wimborne and Ringwood turnpike.
 G. Ditches, Holme.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. ampullacea**, *Good.!* *Bottle Sedge*.
Gramen cyperoides polystachyon majus, spicis teretibus erectis, Raii Syn.
Carex vesicaria, Huds.
 C. C. B. p. 379. Syme, E. B. x. t. 1680. Pult. p. 96.
 Pools, marshes and margins of rivers; native; not common.
 P. May.
- D. Morden Park; Chamberlayne's.
 F. Ditches near St. Leonard's Bridge on the Wimborne and Ringwood turnpike.
 G. Ditches near Holme.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. paludosa**, *Good.!* *Lesser Pond Sedge*.
Gramen cyperoides minus angustifolium, Park., Ger. em.
 C. C. B. p. 379. Syme, E. B. x. t. 1678.
 Boggy meadows and on the margins of rivers and pools;
 native; common. P. April, May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- C. riparia**, *Curt.!* *Great Pond Sedge*.
Gramen cyperoides cum paniculis nigris, J. B. P., Raii Syn.
 C. C. B. p. 379. Syme, E. B. x. t. 1679.
 Marshy places and reedy margins of rivers and lakes;
 native; common. P. April, May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

GRAMINA.

CYNODON, *Rich.*

- C. Dactylon**, *Pers.!* *Creeping Dog's-Tooth Grass*.
Gramen dactyloides radice repente, Ger. em. Panicum dactylon, L.
 C. C. B. p. 380. Syme, E. B. xi. t. 1690. Phyt. iii. p. 263.
 In sandy plains; native; very rare. P. June, July.
- F. Poole Harbour, sandy ground between Parkstone and North Haven.
 G. Studland Sands, *Mr. W. Borrer*.
 Devon, Normandy.

PHALARIS, L.**P. arundinacea, L.!** *Reed-Canary Grass.*

Gramen arundinaceum acerosa glumâ Jerseyanum, D. Sherard,
Raii Syn. Digraphis arundinacea, Trin.

C. C. B. p. 381. Syme, E. B. xi. t. 1697.

In ditches, pools and the margins of rivers; native;
 common. P. July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

***P. canariensis, L.!** *Canary Grass.*

Phalaris major, semine albo. C. B. Pin. Phalaris, Ger. em.

C. C. B. p. 592. Syme, E. B. xi. t. 1698.

Waste places near towns; cultivated fields; alien; rare. A.
 June—September.

F. Sandy road-side, Poole.

G. South Haven, near the Old Ferry-house.

Devon, Hants, Somerset, Wilts, Normandy.

ANTHOXANTHUM, L.**A. odoratum, L.!** *Sweet-scented Vernal Grass.*

Gramen vernum spica brevi laxa, Raii Syn.

C. C. B. p. 381. Syme, E. B. xi. t. 1696.

Meadows, pastures and woods; native; common. P.
 April—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

PHLEUM, L.**P. pratense, L.!** *Timothy-Grass.*

Gramen typhinum majus sive primum, Ger. em.

C. C. B. p. 382. Syme, E. B. xi. tt. 1706, 1707.

Moist meadows and pastures; native; very common. P.
 April—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. arenarium, L.! *Sand Timothy Grass.*

Gramen typhinum maritimum minus, Raii Syn. Phalaris
arenaria, Huds.

C. C. B. p. 382. Syme, E. B. xi. t. 1709. Pult. p. 66.

Sandy sea-coast; native; rare. A. May.

C. Weymouth, *Dr. Pulteney*; sandy ground between the Ferry
 Bridge and Portland; Smallmouth Sands.

[F. North shore, Poole, *Dr. Pulteney*.]

G. Sandy shore, Swanage.

Devon, Isle of Wight, Somerset, Normandy.

ALOPECURUS, L.

- A. pratensis, L.!** *Meadow Fox-tail Grass.*
Gramen alopecuroides majus, Ger. em.
 C. C. B. p. 383. Syme, E. B. xi. t. 1703.
 In meadows and pastures; native; common. P. May.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- A. geniculatus, L.!** *Bent-stemmed Fox-tail Grass.*
Gramen aquaticum geniculatum spicatum, C. B. Pin. Gramen
fluviatile spicatum, Ger. em.
 C. C. B. p. 383. Syme, E. B. xi. t. 1701. Pult. p. 66.
 In ponds, ditches and slow streams; native; common. P.
 May—July.
 A. Meadows near Bridport, *Rev. J. Jones.*
 B. Bradford Abbas, *Prof. Buckman.*
 C. Radipole.
 D. Morden Lake.
 F. Houghton, Dunbury Pond; Canford; Almer Pond;
 Winterborne Kingston.
 G. Punfield; Church Knowle; Little Kimeridge Pond;
 South Eggleston.
 Devon, Hants, Somerset, Wilts, Normandy.
- A. bulbosus, L.!** *Tuberous Fox-tail Grass.*
Gramen myosuroides nodosum, Raii Syn. A. geniculatus,
b. Huds. Fl. Ang.
 C. C. B. p. 384. Syme, E. B. xi. t. 1702. Pult. p. 66.
 Sm. Eng. Fl. i. p. 82.
 In wet salt-marshes; native; rare. P. July.
 A. Bridport, near the Harbour.
 C. Salt-marshes, Lodmoor; Radipole, *Mr. A. B. Lambert.*
 G. Meadows, Swanage.
 Devon, Isle of Wight, Somerset, Normandy.
- A. agrestis, L.!** *Slender Fox-tail Grass.*
Gramen alopecuroides minus, Ger. em. Alopecurus myosu-
roides, Huds.
 C. C. B. p. 384. Syme, E. B. xi. t. 1699. Pult. p. 66.
 Cultivated fields and waste places; native; common. A.
 July—November.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

GASTRIDIDIUM, Pal. de Beauv.

- G. lendigerum, Gaud.!** *Awned Nit Grass.*
Panicum serotinum arvense, spica pyramidata, Tournefort,
Raii Syn.

- Alopecurus ventricosus*, *Huds. Fl. Ang.* *Milium lendigerum*, *L.*
 C. C. B. p. 384. Syme, E. B. xi. t. 1711. Pult. p. 66.
 Phyt. i. p. 730. Sm. Eng. Fl. i. p. 88.
 In fields where water has stagnated, especially near the sea;
 native; rare. A. August.
 C. Weymouth, *Rev. Mr. Lightfoot*; on the Backwater Cliffs;
 also near the Preston Preventive Station, *Mr. G. S. Gibson*.
 G. Corn-field adjoining Corfe River near Wych; Goulder,
 Kimeridge; fields above Dancing Ledge, Langton
 Matravers; Swanage.
 Devon, Hants, Somerset, Wilts, Normandy.

MILIUM, *L.*

- M. effusum, *L.*!** *Wood Millet Grass.*
Gramen miliaceum, Raii Syn., Ger. em.
 C. C. B. p. 385. Syme, E. B. xi. t. 1728. Pult. p. 66.
 Moist shady places and woods; native; common. P.
 June, July.
 A. Woods, Wootton Fitzpaine; Gabriel Wood; Chideock.
 B. Honeycombe Wood.
 C. Kingcombe Wood.
 E. Doncliffie Wood; Broughton Aller and Prince's Wood,
 Middlemarsh.
 F. Broadley Wood; Langton Copse, *Dr. Pulteney*; Long-
 thorns.
 G. Horse Copse, Steeple; Grange Wood; Kimeridge.
 Devon, Hants, Somerset, Wilts, Normandy.

AGROSTIS, *L.*

- A. setacea, *Curt.*!** *Bristle-leaved Bent Grass.*
A. alpina, With. A. canina, b. and g. Huds. Fl. Ang.
 C. C. B. p. 386. Syme, E. B. xi. t. 1717. Pult. p. 66.
 First distinguished by *Mr. Curtis*.
 Confined chiefly to the dry turfy heaths; native; frequent.
 P. July, August.
 On the higher downs of Dorsetshire, *With.*
 A. Lambert Castle (Greensand).
 C. Moreton Heath; Blackdown; Bincombe Down (a Tertiary
 outlier).
 D. Morden and Bere Heaths; Piddletown Heath, *Dr. Pulteney*.
 F. Whatcombe Common (Chalk); Verwood; Uddens, Canford
 Heath.
 G. Wareham; Corfe and Studland Heaths.
 Devon, Hants, Somerset, Normandy.

A. canina, L.! *Brown Bent Grass.**A. vinealis, With.*

C. C. B. p. 386. Syme, E. B. xi. t. 1718. Pult. p. 66.

In meadows and pastures, especially in damp boggy places;
native; common. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

A. vulgaris, With.! *Fine Bent Grass.**Gramen mileaceum minus panicula rubente, Petiv. in Raii Syn.*

C. C. B. p. 386. Syme, E. B. xi. t. 1721.

In meadows, pastures and waste grounds; native; common.

P. July, August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

A. alba, L.! *Marsh Bent-Grass.**Gramen miliaceum majus, panicula spadicea, Raii Syn.*

C. C. B. p. 387. Syme, E. B. xi. t. 1719.

In moist meadows and fields inundated in winter; native;
common. P. July, August.

Generally distributed.

Var. b. A. stolonifera, L.!*Gramen montanum miliaceum minus radice repente, Raii Syn.**Agrostis polymorpha, L. Huds. Fl. Ang.*

C. C. B. p. 593. Syme, E. B. xi. t. 1720.

On sands and clayey-banks, chiefly near the sea.

A. Cliffs, Lyme Regis; shore, Bexington.

C. The Fleet; Lodmoor.

F. North shore, Poole, *Dr. Pulteney*.G. Swanage, *Dr. Pulteney*; cliffs, Kimeridge Bay.

Devon, Hants, Somerset, Wilts, Normandy.

AMMOPHILA, Host.**A. arundinacea, Host.!** *Sea Reed.**Spartum Anglicanum, Ger. em.**Arundo arenaria, L. Psamma arenaria, Roem and Schultes.*

C. C. B. p. 387. Syme, E. B. xi. t. 1722. Pult. p. 68.

On sandy sea-coasts; native; frequent. P. July.

C. Not uncommon on the coast near Weymouth; North Haven
sand-bank, *Dr. Pulteney*; sandy shore near Portland
Bridge; Smallmouth Sands.G. Swanage; Studland sand-bank, *Dr. Pulteney*.

Devon, Isle of Wight, Somerset, Normandy.

ARUNDO, L.

A. *Phragmites*, L. ! *Common Reed*.

A. vallis-orientalis, Ger. em. *Phragmites communis*, Trin.

C. C. B. p. 387. Syme, E. B. xi. t. 1727.

Sides of lakes, ponds, rivers and ditches; native; common.

P. July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

A. *Calamagrostis*, L. ! *Purple-flowered Small Reed*.

Calamagrostis minor glumis rufis et viridibus, Petiv. in Raii

Syn. *Calamagrostis lanceolata*, Roth.

C. C. B. p. 387. Syme, E. B. xi. t. 1724. Pult. p. 68.

Bot. Guide. i. p. 216.

In moist woods and hedges; native; very rare. P. June, July.

C. Road-sides near Weymouth, Dr. Maton; Luckford Copse, near Bindon Abbey.

E. On the borders of the wood and in the hedges of the inclosures on the right hand going between Fiddleford and Sturminster Newton, Dr. Pulteney.

Isle of Wight, Normandy.

A. *Epigejos*, L. ! *Wood Small Reed*.

Gramen arundinaceum panicula molli spadicea majus, C. B. P.

Gramen tomentosum arundinaceum, Ger. em.

C. C. B. p. 388. Syme, E. B. xi. t. 1723. Pult. p. 68.

Banks and damp woods; native; rare. P. July.

C. About Weymouth, Dr. Pulteney; Buckland Ropers; lane between Nottingham and the turnpike.

E. Norwood under Bulbarrow.

G. Horse Copse, Steeple; Grange Wood, south side.

Devon, Somerset, Isle of Wight, Normandy.

AIRA, L.

A. *cæspitosa*, L. ! *Tufted Hair-Grass*.

Gramen segetum altissimum panicula sparsa, C. B. Pin.

C. C. B. p. 388. Syme, E. B. xi. t. 1730.

Moist shady groves; woods and borders of corn-fields; native; common. P. May—August.

A. Hook Park; Wootton Fitzpaine; Gabriel's Wood; Chideock.

B. Bradford Abbas.

C. Cliffs, Sandsfoot Castle; hedges, Wyke Regis; Kingcombe Wood.

D. Bingham's Melcombe.

E. Fiddleford; Short Wood.

F. Canford meadows; Shapwick; Lower Manaton Wood, Holt; Verwood; Houghton Wood.

G. Tyneham Wood; Kimeridge Copse; Horse Copse, Steeple. Devon, Hants, Somerset, Wilts, Normandy.

A. flexuosa, L.! *Heath Hair-Grass.*

Gramen paniculatum locustis parvis, purpureo argenteis majus et perenne, Dood. in Raii Syn.

C. C. B. p. 389. Syme, E. B. xi. t. 1732. Pult. p. 67.

Heathy, sandy and hilly places; frequent on the downs; native; common. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

A. caryophyllea, L.! *Silvery Hair-Grass.*

Gramen paniculatum locustis parvis, purpureo argenteis annuum, Raii Syn.

C. C. B. p. 389. Syme, E. B. xi. t. 1734. Pult. p. 67.

On sandy heaths and dry places, and occasionally on stiff clay; native; common. A. April—July.

A. Golden Cap, Lyme Regis; Puncknoll Common.

B. Bradford Abbas.

C. Blackdown.

D. Chamberlayne's.

F. Clenston Wood; sandy ground, Holt; Corfe Mullen.

G. Cliffs, Kimeridge above the Coast Guard Station; corn-fields, North Hill, Steeple.

Devon, Hants, Somerset, Wilts, Normandy.

A. præcox, L.! *Early Hair-Grass.*

Gramen parvum præcox panicula (potius spica) laxa canascente, Raii Syn.

C. C. B. p. 389. Syme, E. B. xi. t. 1735. Pult. p. 67.

Dry gravelly ground on walls; native; common. A. April—June.

A. Puncknoll Common.

C. Blackdown.

D. Shitterton Heath, Bere Regis.

E. Donclyffe, at the summit of the hill.

F. Clenston Wood; walls, Delcombe Head.

G. Studland sands.

Devon, Hants, Somerset, Wilts, Normandy.

[A. canescens, L.! *Grey Hair-Grass.*

Gramen miliaceum maritimum molle, Petiv. in Raii Syn.

Corynephorus canescens, Pal. de Beauv.

Cyb. Brit. iii. p. 181. C. C. B. p. 390. Syme, E. B. xi. t. 1729. Pult. p. 67.

- Sandy sea-coasts; native; very rare. P. July.
 F. On the sandy shores of Dorset on the north shore of Poole,
Dr. Pulteney.
 Normandy.]

AVENA, L.

A. fatua, L. ! Wild Oat.

Ægilops quibusdam aristis recurvis, seu Avena pilosa,
J.B.P. Avena, Ger. em.

C. C. B. p. 390. Syme, E. B. xi. t. 1741.

In corn-fields; colonist; frequent. A. June—August.

A. Wootton Fitzpaine; Chideock; Abbotsbury and Bexington. .

B. Bradford Abbas, *Prof. Buckman.*

C. Portland; Smallmouth sand-banks; Arish Mill; Radipole;
 Wyke Regis.

G. Kimeridge; fields east of St. Alban's Head.

Devon, Hants, Somerset, Wilts, Normandy.

* A. strigosa, Schreb. Black Oat.

Danthonia strigosa, Pal. de Beauv.

C. C. B. p. 593. Syme, E. B. xi. t. 1740.

In cultivated fields; alien; very rare. A. June, July.

G. With oats by the gravel-pit near Rempston on the road to
 Corfe Castle, *Mr. W. Borrer.*

Isle of Wight, Wilts, Normandy.

A. pratensis, L. ! Narrow-leaved Oat-Grass.

Gramen avenaceum montanum spica simplici, aristis recurvis,
Raii Syn.

C. C. B. p. 390. Syme, E. B. xi. t. 1739. Pult. p. 68.

Dry pastures; native; common. P. May—July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

A. pubescens, L. ! Downy Oat-Grass.

Gramen avenaceum panicula purpureo argenteo splendente,
D. Doody, Raii Syn.

C. C. B. p. 390. Syme, E. B. xi. t. 1737. Pult. p. 68.

Dry pastures and downs; native; frequent. P. May,
 June.

A. Down, Burton Bradstock; Witherston.

B. Bradford Abbas.

C. Radipole.

F. Longthorns; Thorncombe; Blandford Race-course.

G. Cocknowle Down; Tyneham Wood; Kimeridge Hill.

Devon, Hants, Somerset, Wilts, Normandy.

A. flavescens, L.! *Yellow Oat-Grass.*

Gramen avenaceum pratense elatius, panicula flavescente, locustis parvis, Raii Syn. Trisetum pratense, Pers.

C. C. B. pp. 391, 615. Syme, E. B. xi. t. 1736.

Dry pastures, banks and waste places; native; common.

P. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ARRHENATHERUM, Beauv.**A. avenaceum, Beauv.!** *Oat-like Soft-Grass.*

Gramen avenaceum elatius, juba argentea longiore, Raii Syn.

Gramen caninum avenacea panicula non nodosum, Men.

Holcus avenaceus, Scop. Avena elatior, L.

C. C. B. p. 391. Syme, E. B. xi. t. 1742.

Pastures, hedges, thickets and by road-sides; native; common. P. May, June.

Generally distributed.

Var. b. nodosum, Reich.!

Gramen nodosum avenacea panicula, C. B. Pin.

Syme, E. B. xi. p. 82.

F. Houghton.

G. Sands, Poole Harbour.

Devon, Hants, Somerset, Wilts, Normandy.

HOLCUS, L.**H. lanatus, L.!** *Meadow Soft-Grass, Yorkshire Fog.*

Gramen miliaceum pratense molle, Petiv. in Raii Syn.

C. C. B. p. 391. Syme, E. B. xi. t. 1744.

Meadows and pastures; native; common. P. May, June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

H. mollis, L.! *Creeping Soft-Grass.*

Gramen miliaceum aristatum molle, Petiv. in Raii Syn.

C. C. B. p. 391. Syme, E. B. xi. t. 1743.

Pastures, shady places and woods; native; common. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

TRIODIA, R. Br.**T. decumbens, Pal. de Beauv.!** *Decumbent Heath-Grass.*

Gramen avenaceum parvum procumbens, paniculis non aristatis, Raii Syn. Festuca decumbens, L.

C. C. B. p. 392. Syme, E. B. xi. t. 1745. Pult. p. 67.
Barren, sandy and hilly ground; native; locally frequent.
P. June, July.

First noticed in England by Ray.

- A. Gorwell Common.
- B. Bradford Abbas, *Prof. Buckman*.
- D. Morden Heath.
- E. Hod and Hambledon Hills; rough ground on the east side of Piddle Wood, Sturminster.
- F. Verwood; Deverill Down; Milborne St. Andrew.
- G. Studland and Wareham Heaths; downs, Langton Matravers; Nine-Barrow Down.
Devon, Hants, Somerset, Wilts, Normandy.

KOELERIA, Pers.

K. cristata, Pers. ! *Crested Hair-Grass*.

Gramen pumilum hirsutum spica purpuro-argentea molli,
Raii Syn.

Aira cristata, L. *Poa cristata*, With.

C. C. B. p. 392. Syme, E. B. xi. t. 1746. Pult. p. 67.

Pastures and waste places; native; frequent. P. May—
July.

- A. Puncknoll Down; West Bexington.
- B. Bradford Abbas, *Prof. Buckman*.
- C. Range of hills between Arish Mill and West Lulworth.
- E. On the top of Hod and Hambledon Hills.
- F. Deverill Down; Milborne St. Andrew.
- G. Cocknowle; Tyllly Whim; Punfield; Tyneham Hill;
pastures, Kimeridge near the Coast-guard Station; St.
Alban's Head
Devon, Isle of Wight, Somerset, Wilts, Normandy.

MELICA, L.

M. uniflora, Retz. ! *Wood Melic-Grass*.

Gramen avenaceum rariore grano nemorense Danicum, J.B.P.,
Raii Syn.

C. C. B. p. 392. Syme, E. B. xi. t. 1749. Pult. p. 67.

Groves, thickets and hedges; native; frequent. P. May,
June.

- A. Hook Park.
- D. Yellowham Wood; lane between Bere Regis and Turner's Piddle.
- E. Piddle Wood, Sturminster Newton; wood under Hod Hill;
in the hollow way at Melbury near Shaftesbury, *Dr.*
Pulteney.

- F. Humber Lane, Whitchurch; Chase Woods; Houghton Wood; Oakhill Wood, Crichel.
 G. Barnston Wood; Grange Wood.
 Devon, Hants, Somerset, Wilts, Normandy.

MOLINIA, *Schrank.*

- M. cærulea**, *Mænh.!* *Purple Melic-Grass.*
Gramen pretense spica lavendulae. *Merr.*
 C. C. B. p. 393. Syme, E. B. xi. t. 1747. Pult. p. 67.
 In sandy boggy ground and in woods; native; frequent;
 P. August.
 A. Woods, Wootton Fitzpaine.
 D. Bere Wood.
 E. Wood under Hod Hill.
 F. Canford Heath, *Dr. Turner.*
 G. Horse Copse, Steeple; Povington Wood.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.

CATABROSA, *L.*

- C. aquatica**, *Presl.!* *Water Whorl-Grass.*
Gramen miliaceum aquaticum, Raii Syn. Aira aquatica, L.
 C. C. B. p. 393. Syme, E. B. xi. t. 1750. Pult. p. 66.
 Ditches, pools and margins of rivers; native; very common.
 P. May, June.
 C. Kingcombe; on the borders and ditches of the Frome, *Dr. Pulteney*; Lodmoor.
 D. Near Chamberlayne's Ford beyond Bere, *Dr. Pulteney*; ditches, Alton Pancras.
 E. Shillingston.
 F. Winterbourne Kingston.
 G. Church Knowle; Kimeridge.
 Devon, Hants, Somerset, Wilts, Normandy.

GLYCERIA, *R. Br.*

- G. aquatica**, *Sm.!* *Reed Meadow-Grass.*
Gramen aquaticum majus, Raii Syn. Poa aquatica, L.
 C. C. B. p. 393. Syme, E. B. xi. t. 1751. Pult. p. 67.
 Edges of ditches, slow rivers and ponds; native; frequent.
 P. July.
 B. Bradford Abbas, *Prof. Buckman.*
 C. River Frome; Wool.
 D. Dewlish Brook.
 F. River Stour, Spettisbury.
 G. Banks of the Frome, Wareham.
 Devon, Hants, Somerset, Wilts, Normandy.

G. fluitans, R. Br.! *Floating Meadow-Grass.*

Gramen aquaticum cum longissima panícula, J.B.P., Raii Syn.

C. C. B. p. 393. Syme, E. B. xi. t. 1752.

In stagnant water and slow streams; native; common. P. June—August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

G. plicata, Fries.! *Folded-leaved Meadow-Grass.*

C. C. B. p. 394. Syme, E. B. xi. t. 1752. Bab. Man. p. 415.

Ditches and wet places; native; rare. P. June—August.

A. Ditches, West Bexington near the beach.

Devon, Hants, Somerset, Wilts, Normandy.

SCLEROCHLOA, Pal. de Beauv. (Bab.)**S. maritima, Lindl. (not Reich.)!** *Creeping Sea Meadow-Grass.*

Gramen paniculatum maritimum vulgatissimum, Raii Syn.

Poa maritima, Huds. Fl. Ang.

C. C. B. p. 394. Syme, E. B. xi. t. 1754. Pult. p. 67.

Salt-marshes and sea-shore; native; not common. P. June, July.

C. Salt-marshes near the Gas-house, Weymouth.

F. Sandy ground, Poole Harbour; North and South Haven.

Devon, Hants, Somerset, Normandy.

S. distans, Bab.! *Reflexed Meadow-Grass.*

Aria aquatica b. Huds. Fl. Ang. Poa retroflexa, Curt.

Poa distans, L.

C. C. B. p. 394. Syme, E. B. xi. t. 1755. Salter's List.

On sandy waste ground near the sea; native; rare. P. June, July.

C. Lodmoor; salt-marshes near the Gas-house, Weymouth.

F. Ham Quay, near Poole; near Ham Bridge on the Poole side, Dr. Salter; sandy ground near "The Hive," North Haven.

G. Under the wall of Peverill House, Swanage, Rev. L. Lester. Devon, Isle of Wight, Somerset, Normandy.

S. Borreri, Bab.! *Borrer's Meadow-Grass.*

C. C. B. p. 394. Syme, E. B. ix. t. 1756.

Salt-marshes and waste places by the sea; native; rare. B. or P. June—September.

C. North Haven, Poole Harbour.

G. Branksea Island.

Devon, Isle of Wight.

- S. procumbens**, *Pal. de Beauv. ! Procumbent Meadow-Grass.*
Poa procumbens, *Curt. Glyceria procumbens*, *Sm.*
 C. C. B. p. 395. Syme, E. B. xi. t. 1757. Pult. p. 67.
 In waste places near the sea; native; rare. B. or P. ?
 July, August.
 A. Beach, Bexington.
 C. Radipole, *Mr. W. B. Barrett*; Smallmouth Sands; Port-
 land; road-side near the Gas-house, Weymouth, and
 Backwater near the railway terminus.
 G. Swanage; Clavell's Hard, Kimeridge.
 Devon, Isle of Wight, Somerset, Normandy.
- S. rigida**, *Link. ! Hard Meadow-Grass.*
Gramen minor duriusculum, *Ger. em.*
Gr. panicula multiplicata, *Park.*
 C. C. B. p. 395. Syme, E. B. xi. 1758. Pult. p. 67.
 On walls and dry gravelly banks; native; common. A.
 May, June.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- S. loliacea**, *Woods ! Dwarf Meadow-Grass.*
Gramen pumilum loliacea simili, *Raii Syn.*
Poa loliacea, *Huds.*
Glyceria loliacea, *Watson. (Hook St. Fl.)*
 C. C. B. p. 395. Syme, E. B. xi. t. 1759. Pult. p. 68.
 On the sea-coast; native; not common. A. June, July.
 A. Burton Bradstock.
 C. Road near Sandsfoot Castle, *Mr. G. S. Gibson*; Weymouth,
Mr. E. Foster, Jun.; Poole Harbour, *Dr. Pulteney*.
 G. On the beach at Swanage, *Dr. Pulteney*; cliffs, Clavell's
 Hard, Kimeridge.
 Devon, Isle of Wight, Somerset, Normandy.

POA, L.

- P. annua**, *L. ! Annual Meadow-Grass.*
Gramen pratense minus seu vulgatissimum, *Raii Syn.*
 C. C. B. p. 395. Syme, E. B. xi. t. 1760.
 In meadows, pastures, waste and cultivated ground; native;
 common. A. January—December.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.
- P. pratensis**, *L. ! Smooth Meadow-Grass.*
Gramen pratense paniculatum majus latiore flore, *Raii Syn.*
 C. C. B. p. 397. Syme, E. B. xi. tt. 1771 1772.

Meadows and pastures; native; common. P. May, June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. trivialis, L.! *Roughish Meadow-Grass.*

Gramen pratense minus, Ger. em., Park.

C. C. B. p. 397. Syme, E. B. xi. t. 1773.

Meadows and pastures; native; common. P. June—October.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. compressa, L.! *Flat-stemmed Meadow-Grass.*

Gramen pratense medium, culmo compresso, Budd. in Raii Syn.

C. C. B. p. 397. Syme, E. B. xi. t. 1770.

On the tops of walls, dry barren ground and cultivated fields; native; common. P. June—September.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

P. nemoralis, L.! *Wood Meadow-Grass.*

P. angustifolia, b. Huds. Fl.

C. C. B. p. 397. Syme, E. B. xi. t. 1768. Pult. p. 67.

Groves and woods; native; very common. P. June, July.

Generally distributed.

"Seems to have been first noticed in England by Mr. Hudson or by myself, who sent it to him in the year 1759," *Dr. Pulteney.*

Devon, Hants, Somerset, Wilts, Normandy.

BRIZA, L.

B. media, L.! *Common Quaking-Grass.*

Gramen tremulum, J.B.P., Raii Syn. Phalaris pratensis, Ger. em.

C. C. B. p. 398. Syme, E. B. xi. t. 1774.

Pastures and downs; native; common. P. May, June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

B. minor, L.! *Small Quaking-Grass.*

Gramen tremulum minus, panicula ampla, locustis parvis triangulis, Raii Syn.

C. C. B. p. 398. Syme, E. B. xi. t. 1775.

In cultivated fields; colonist?; rare. A. June—September.

- D. Field adjoining the salt-marsh near Keyworth.
 F. Poole Harbour ; corn-fields, Parkstone.
 G. Corn-fields, Punfield ; Blackmanston, Steeple ; Kimeridge ;
 frequent among the corn in the valley between Swanage
 and Worbarrow.
 Devon, Isle of Wight, Normandy.

CYNOSURUS, L.

- C. cristatus, L.!** *Crested Dog's-tail Grass.*
Gramen cristatum Bauhini, Ger. em. Phleum cristatum, Scop.
 C. C. B. p. 398. Syme, E. B. xi. t. 1776.
 In dry pastures and meadows ; native ; common. P. May—
 September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

DACTYLIS, L.

- D. glomerata, L.!** *Rough Cock's-foot Grass.*
Gramen spicatum folio aspero, C. B. Pin.
 C. C. B. p. 399. Syme, E. B. xi. t. 1778.
 Meadows, hedges and cliffs ; native ; common. P. May—
 September.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

FESTUCA, L.

- F. uniglumis, Soland.!** *Single-glumed Fescue-Grass.*
 C. C. B. p. 399. Syme, E. B. xi. t. 1779.
 Sandy sea-shores ; native ; rare. A. June.
 Mr. Lightfoot found it at Portland.
 C. Portland, road-side close to the railway-station ; sandy field
 near Portland Bridge ; Chesil-Beach.
 G. Studland sand-bank ; South Haven, Poole.
 Devon, Isle of Wight, Somerset, Normandy.
- F. Pseudo-myurus, Soyer Willemet.!** *Mouse-tail Fescue-Grass.*
Festuca myurus, Poll., Sm. Eng. Bot. ed. 1. No. 1412.
 C. C. B. p. 399. Syme, E. B. xi. p. 141, t. 1781. Pult. p. 67.
 On walls and dry waste ground ; native ; frequent. A.
 June—August.
 F. Walls, Whatcombe ; Delcombe Head, Poole.
 G. Walls, Church Knowle ; Smedmore.
 Devon, Hants, Somerset, Wilts, Normandy.
- F. sciuroides, Roth.!** *Barren Fescue-Grass.*
F. bromoides, Sm. Eng. Bot. ed. 1, No. 1411, and Eng.
Fl. 1, p. 142.

C. C. B. p. 399. Syme, E. B. xi. t. 1782.

Dry pastures and waste places by road-sides and on wall-tops. A. June—August.

A. Beach, West Bexington.

C. Cliffs, Weymouth Backwater; sand-banks, Smallmouth; Abbotsbury Weirs.

D. Sandy ground, Blackhill, Bere Regis.

F. Upper Manaton Wood, Holt.

Devon, Hants, Somerset, Wilts, Normandy.

F. ovina, L.! *Sheep's Fescue-Grass.*

C. C. B. p. 400. Syme, E. B. xi. t. 1783. Pult. p. 67.

In dry open pastures; native; common. P. June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

F. diriuscula, L. (Sm.)! *Hard Fescue-Grass.*

Gramen pratense panicula duriore laxa, unam partem spectante, Raii Syn.

C. C. B. p. 400. Syme, E. B. xi. t. 1785.

In pastures, dry meadows and waste grounds; native; common. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

F. rubra, L.! *Creeping Fescue-Grass.*

F. rubra, var. arenaria, Bab. Man. p. 419.

C. C. B. p. 400. Syme, E. B. xi. t. 1786.

Sand-banks on the sea-shore; native; frequent. P. May—July.

C. Smallmouth sand-banks.

F. Sand-hills, Poole.

G. Sand-hills, Studland and South Haven, *Mr. J. Woods.*

Devon, Hants, Normandy.

F. elatior, "L." Sm.! *Tall Fescue-Grass.*

Gramen paniculatum nemorosum, latiore folio, glabrum, panicula nutante non aristata, Dillen. in Raii Syn.

C. C. B. p. 401. Syme, E. B. xi. t. 1789.

Meadows and banks by the sides of streams; native; common.

P. June—September.

Generally distributed.

Var. b. arundinacea, Schreb.!

C. C. B. pp. 401, 596. Syme, E. B. xi. t. 1789. Bab. Man. p. 420.

Wet and moist sand near the sea; frequent.

- A. Swyre Beach.
- C. Cliffs, Arish Mill; Portland.
- G. Punfield, Swanage; Dancing Ledge, Langton Matravers.
Devon, Hants, Somerset, Wilts, Normandy.
- F. pratensis**, "*Huds.*" *Hook.!* *Meadow Fescue-Grass.*
C. C. B. p. 401. Syme, E. B. xi. t. 1791.
In pastures and meadows; native; very common. P.
June, July.
Generally distributed.
- Var. b. loliacea**, *Huds.!*
C. C. B. pp. 401, 596. Syme, E. B. xi. t. 1792.
- B. Bradford Abbas, *Prof. Buckman.*
- C. Moist meadows, Nottingham; Broadwey, *Mr. W. B. Barrett.*
- D. Bere Regis.
- F. Whitchurch; Winterborne Kingston.
Devon, Hants, Somerset, Wilts, Normandy.

BROMUS.

- B. giganteus**, *L.!* *Tall Brome-Grass.*
Gramen avenaceum glabrum, panicula e spicis raris strigosis composita, aristis tenuissimis, Raii Syn. Festuca giganteus, Villars, Bab. Man. p. 419. Pult. p. 68.
C. C. B. p. 401. Syme, E. B. xi. t. 1794.
In woods and hedges; native; frequent. P. July, August.
- A. Wootton Fitzpaine; Whitchurch Canonicorum.
- B. Bradford Abbas, *Prof. Buckman.*
- C. Moreton Grove.
- D. Woodbury Hill, Bere Regis.
- E. Hedges between Mappowder and Stoke Wake.
- F. Longthorns; Henbury.
- G. Smedmore Grove; Kimeridge Copse; Grange Wood;
Barnston Wood.
Devon, Hants, Somerset, Wilts, Normandy.
- B. asper**, *L.!* *Rough Brome-Grass.*
Gramen avenaceum dumetorum panicula sparsa, Raii Syn.
C. C. B. p. 401. Syme, E. B. xi. t. 1795. Pult. p. 68.
Woods and hedges; native; common. P. July, August.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.
- B. sterilis**, *L.!* *Barren Brome-Grass.*
Festuca avenacea sterilis, elatior, seu Bromos Dioscorides, C. B. Pin., Raii Syn.
C. C. B. p. 402. Syme, E. B. xi. t. 1799.

In fields, waste grounds, hedges and on walls; native; common. B. or A. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

B. secalinus, L.! *Rye Brome-Grass.*

Festuca avenacea spicis habitioribus glumis glabris, Raii Syn.

C. C. B. p. 402. Syme, E. B. xi. t. 1800. Pult. p. 67.

Corn-fields; native; frequent. B. or A. (?) May—August.

C. Corn-fields, Portland.

F. Corn-fields, Langton Farm, Blandford, *Dr. Pulteney*; Traveller's Rest, Shillingston; Chescombe; Lee Farm, Whatcombe.

G. Bradle, Church Knowle.

Var. b. velutinus, Schrad.!

C. C. B. p. 596. Syme, E. B. xi. t. 1801. Salter's List.

G. Sides of occupation road between Bradle and Orchard Down.

Devon, Hants, Somerset, Wilts, Normandy.

B. commutatus, Schrad.! *Confused Brome-Grass.*

Serrafalcus commutatus, Bab.

C. C. B. p. 403. Syme, E. B. xi. t. 1802.

Road-sides, dry pastures and cultivated ground; native; frequent. B. May, June.

A. Burton Bradstock; road-side between Gorwell and Ashley.

B. Bradford Abbas, *Prof. Buckman.*

C. Pastures, Portland.

E. Donclyffe.

F. Cultivated ground, Whitchurch West Farm, near the Reformatory School; Thorncombe; Houghton.

G. Corn-fields, Worth Matravers; Kimeridge; Steeple; Langton Matravers.

Devon, Hants, Somerset, Wilts, Normandy.

B. racemosus, Fries.! *Racemose Brome-Grass.*

C. C. B. pp. 403, 596. Syme, E. B. xi. t. 1803.

Meadows and damp pastures; native; rare. B. June, July.

C. Pastures near the Gas-house, Weymouth; Arish Mill.

G. Meadows, Smedmore; Church Knowle; Bradle Down.

B. mollis, L.! *Soft Brome-Grass.*

Festuca avenacea hirsuta paniculis minus sparsis, Raii Syn.

C. C. B. p. 403. Syme, E. B. xi. t. 1804.

Fields, pastures, and by road-sides; native; common. P. May, June.

Generally distributed.

A small maritime form, with very short peduncles and densely downy spikelets, grows abundantly on the coasts of the county.

Devon, Hants, Somerset, Wilts, Normandy.

BRACHYPODIUM, *Pal. de Beauv.*

B. sylvaticum, Beauv.! *False Wood Brome-Grass.*

Gramen avenaceum dumetorum spicatum, Raii Syn. Bromus sylvaticus, Sm. Festuca sylvatica, Huds.

C. C. B. p. 403. Syme, E. B. xi. t. 1807. Pult. p. 68.

Copses, thickets and hedges; native; common. P. June—November.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

B. pinnatum, Pal. de Beauv.! *Barren False-Brome-Grass.*

Gramen spica Brizæ majus, C. B. Pin. Bromus pinnatus, L. Cyb. Brit. iii. p. 233. C. C. B. p. 403. Syme, E. B. xi.

t. 1808. Pult. p. 68.

In open fields, downs and heaths; native; frequent. P. June, July.

C. Chalk-range between Arish Mill and West Lulworth; Sandsfoot Castle; Weymouth-backwater; Wyke Regis; Preston Cliffs.

D. Milborne-Rings; Pimperne Down.

F. Deverill Down.

G. Gadcliff; grassy launches, Worth Matravers; cliffs, Seacombe; Grange Hill.

Devon, Hants, Somerset, Wilts, Normandy.

TRITICUM, *L.*

T. caninum, Huds.! *Wood Couch-Grass.*

Gramen caninum aristatum radice non repente sylvaticum, Raii Syn. Elymus caninus, L.

C. C. B. p. 404. Syme, E. B. xi. t. 1809.

Woods and shady hedges; native; frequent. P. July, August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

T. repens, L.! *Common Couch-Grass.*

Gramen spica triticea repens vulgare, caninum dictum, Raii Syn.

C. C. B. p. 404. Syme, E. B. xi. t. 1810.
Waste and cultivated ground; native; common. P. June.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

T. junceum, L.! *Sand Couch-Grass.*

*Gramen maritimum, spica loliacea, foliis pungentibus, Pluk.
Alm., Raii Syn.*

C. C. B. p. 404. Syme, E. B. xi. t. 1813. Pult. p. 68.
Sandy sea-coasts; native; locally frequent. P. June, July.

A. Bridport Harbour.

C. Weymouth, *Dr. Pulteney*; Smallmouth sand-banks.

F. Poole Harbour; Branksea Isle, *Dr. Pulteney*.

G. Studland Sands, *Dr. Pulteney*; South Haven sand-bank.

Devon, Isle of Wight, Somerset, Normandy.

T. pungens, Pers.! *Erect Sea Couch-Grass,*

Triticum littorale, Hort. J. repens, c. Sm. Eng. Fl. i. p. 183.

C. C. B. p. 597. Syme, E. B. xi. t. 1811.

Sea-shores, banks of backwaters and tidal rivers; native;
rare. P. June—August.

C. Backwater, Weymouth on the west side.

G. Wych.

Devon, Isle of Wight, Normandy.

LOLIUM, L.

L. perenne, L.! *Common or Perennial Rye-Grass.*

Gramen loliaceum angustiore folio et spica, Raii Syn.

Lolium rubrum, Ger. em.

C. C. B. p. 404. Syme, E. B. xi. t. 1814.

Meadows, pastures and waste ground; native; common.

P. April—June.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

ELYMUS, L.

[E. arenarius, L.] *Sand Lyme-Grass.*

Cyb. Brit. iii. p. 241. C. C. B. p. 405. Syme, E. B. xi.
t. 1819. Pult. p. 68.

On sandy sea-shore; native; extinct. P. July.

Pulteney is not certain if the specimen he gathered of this
plant was from Weymouth or Purbeck.

Not confirmed since Pulteney's time.

Devon, Somerset, Normandy.]

HORDEUM, L.

H. pratense, Huds.! *Meadow Barley*.*Gramen secalinum*, Ger. em.

C. C. B. p. 405. Syme, E. B. xi. t. 1821.

Meadows and pastures; native; common. P. May, June.

A. Cliffs, Burton Bradstock; meadows, Charmouth.

B. Meadows, Sherborne.

C. West Lulworth; Portland; Radipole; Nottingham.

F. Durweston; Sturminster Newton.

G. Meadows, Kimeridge; Swanage.

Devon, Hants, Somerset, Wilts, Normandy.

H. murinum, L.! *Wall Barley*.*Gramen secalinum et Secale sylvestre*, Ger. em. *Hordeum spurium vulgare*, Park.

C. C. B. p. 406. Syme, E. B. xi. p. 1822.

On waste ground and by way-sides, especially near the sea; native; locally common. A. May—July.

A. Cliffs, Burton Bradstock; Charmouth.

C. Sandsfoot Road; West Lulworth; beach, Lodmoor.

G. Swanage; Studland; Poole Harbour.

Devon, Isle of Wight, Somerset, Wilts, Normandy.

H. maritimum, With.! *Sea-Barley*.*Gramen secalinum palustre et maritimum*, Raii Syn.

C. C. B. p. 406. Syme, E. B. xi. t. 1823. Pult. p. 68.

Sandy ground near the sea; native; rare. B. June, July.

The plant marked *H. maritimum* in Pulteney's Herbarium, British Museum, is *H. murinum*.

"Not uncommon near the marshes of the sea and on the cliffs and sands," Dr. Pulteney.

C. Sandy places near the Backwater-Bridge, Weymouth; sandy places between the Ferry-Bridge and the railway-station, Portland.

Devon, Hants, Somerset, Normandy.

NARDUS, L.

N. stricta, L.! *Mat-Grass*.*Gramen sparteum juncifolium*, C. B. Pin.

C. C. B. p. 406. Syme, E. B. xi. t. 1824. Pult. p. 66.

Barren heaths; native; locally common. P. June, July.

C. Moreton Heath,

- D. Black Hill Heath, Bere Regis ; Morden Heath.
- F. Verwood Heath ; Litchet Heath.
- G. Wareham and Studland Heaths.
Devon, Hants, Somerset, Wilts, Normandy.

LEPTURUS, R. Br.

- L. *filiformis*, Trin. ! *Sea Hard-Grass*.
Ægilops incurvata, L. *Rottbollia incurvata*, Sm. *Eng. Bot.*
C. C. B. p. 406. Syme, E. B. xi. t. 1818. Pult. p. 68.
On the sea-coast and salt-marshes ; native ; rare. P. July.
- C. Marsh, Weymouth on the west-side of the Backwater, and at Lodmoor.
- F. Sandy ground between Parkstone and North Haven.
- G. Near Tylly Whim on the Preventive path, *Mr. W. Borrer*.
Devon, Isle of Wight, Somerset, Normandy.

FILICES.

CETERACH, Willd.

- C. *officinarium*, Willd. ! *Scaly Spleen-wort*.
Asplenium sive Ceterach, Raii *Syn.*, *Ger. em.*, *Park*.
Asplenium Ceterach, L.
C. C. B. p. 407. Newman, p. 293. Edwards's Ferns, p. 64.
Pult. p. 99.
Rocks and old walls ; native ; common in the Vale of Blackmoor but not elsewhere. P. All seasons.
- A. Chardstock ; Wambrook, *Rev. Z. Edwards*.
- B. Sherborne.
- C. On Came Bridge near Dorchester, *Mr. W. B. Barrett* ; Portland, rocks near the Rectory ; very scarce, *Rev. H. E. Fox*.
- E. Walls, Stourton Caundle.
- F. Wall above Delcombe on the Houghton side.
- G. Church-yard wall, Kingston ; Church Knowle, *Rev. O. L. Mansel*.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

POLYPODIUM, L.

- P. *vulgare*, L. ! *Common Polypody*.
Polypodium, *Ger. em.*
C. C. B. p. 407. Newman, p. 111.
Woods, hedge-banks, and on trees and walls ; native ; common. P. July—October.
Generally distributed.
Devon, Hants, Somerset, Wilts, Normandy.

P. Phegopteris, L.! *Beech Fern.*

C. C. B. p. 408. Newman, p. 115. Edwards's Ferns, p. 29.
Wet ground; native; very rare. P. July—September.

- A. Grows in a boggy piece of ground in Hawkchurch, in a
copse among bushes and trees, *Mr. Moly.*
Devon, Wilts, Normandy.

CYSTOPTERIS, Bernh.**[C. fragilis, Bernh.** *Brittle Bladder Fern.*

*Filix saxatilis caule tenui fragili, Raii Syn. Polypodium
fragile, L.*

Cyb. Brit. iii. p. 258. C. C. B. p. 409. Newman, p. 149.
Pult. p. 100.

Rocks and walls; native. P. June, July.

- G. In crevices of old quarries and in many places in Purbeck,
but not common, *Dr. Pulteney.*
Not confirmed since Pulteney's time.
Devon, Somerset, Wilts, Normandy.]

POLYSTICHUM, Roth.**P. aculeatum, Roth.!** *Common Prickly Shield-Fern.*

*Filix mas non ramosa pinnulis latis auriculatis spinosis, Ger.
em. Polypodium aculeatum, L.*

C. C. B. p. 409. Newm. p. 169. Pult. p. 99. Edwards's
Ferns, p. 47.

Hedge-banks and woods; native; common. P. June, July.

- A. Hawkchurch between the village and Broom; Chardstock
near Galloping Close.
D. Hedge-banks, Shitterton and Turner's Piddle; Ilington
Wood.
E. Stourton Caundle.
F. Longthorns; Houghton Wood.
G. Grange Wood; hedges, Church Knowle.

Var. b. P. lobatum, Sm.

*Filix aculeata Lonchitidis æmula, Plukenet, Raii Syn.
Polypodium lobatum, Huds. Fl. Ang.*

- B. Little Bredy.
F. Humber Lane, Whitchurch.
Devon, Hants, Somerset, Wilts, Normandy.

P. angulare, Newm.! *Angular Prickly Fern.*

C. C. B. p. 410. Newm. p. 173. Ferns of Axe, 50.

Hedges, woods and banks; native; common. P. June—
August.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

LASTREA, Presl.**L. Thelypteris, Presl. ! Marsh Fern.***Filix minor palustris repens, Raii Syn.*

C. C. B. p. 410. Newman, p. 183.

Marshy and boggy places; native; very rare. P. July, August.

- G. Marshy ground, Stoborough, near the Holme Plantations.
Isle of Wight, Somerset, Normandy.

L. Oreopteris, Presl. ! Sweet Mountain Fern.*Varietas illa Filicis maris in ericeto Dunsmore, prope Rugby,**Petiver. Raii Syn. Polypodium Oreopteris, Sm. E. Bot.*

C. C. B. p. 410. Newman, p. 188. Edwards' Ferns, p. 32.

Banks and woods; native. P. July.

- A. Eype Down; Pillesdon; Lewesdon, *Mr. Jefford*; Broadwinsor, Loosdown; Chardstock, gully near Alston, edge of a wood near Beacon-Hill; Charmouth, Langmoor Copse; Hawkchurch, Stoodley's Hill; Monkton Wylde, lane near Warren House; Wambrook, near Shagsblood, *Rev. Z. Edwards*.
C. Blackdown, *Rev. E. A. Eaton*.
D. Wareham, about the second milestone on the Poole turnpike, *Miss Pike*.
F. Cranborne, *Mr. W. Shipp*.
G. Hedges between Stoborough and Holme, *Mr. W. Shipp*.
Devon, Hants, Somerset, Wilts, Normandy.

L. Filix-mas, Presl. ! Male Fern.*Filix mas non ramosa, pinnulis latis densis minutim dentatis,**Ger. em. Polypodium Filix-mas, L.*

C. C. B. p. 410. Newm. p. 197.

Woods, hedges and banks; native; common. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

L. spinulosa, Presl. ! Spinulose Buckler Fern.

Cyb. Brit. iii. p. 268. C. C. B. p. 411. Newman, p. 216.

Edwards's Ferns, p. 44.

Marshy places and wet woods; native; rare. P. July—September.

- A. Charmouth, Langmoor Copse; Hawkchurch, woods near Cowse, *Rev. Z. Edwards*.
D. Marshy ground, Morden Park.
G. Grange Plantation, below the House.
Devon, Isle of Wight, Somerset, Wilts, Normandy.

- L. dilatata, Presl.!** *Broad sharp-toothed Shield Fern.*
Filix mas ramosa, pinnulis dentatis, Ger. em. Polypodium
cristatum, Huds. Fl. Ang.
 C. C. B. p. 411. Newm. p. 289. Pult. p. 99.
 Marked in Herb. Pult. at the British Museum *Polypodium*
cristatus.
 Shady places and moist woods; native; locally frequent.
 P. May—August.
 A. Woods, Wootton Fitzpaine; Gabriel's Wood, Chideock.
 C. Road-side by the heath at Owre Moyne; Minterne.
 D. Bere Wood.
 F. Houghton Wood; Delcombe Wood.
 G. Heath woods about Grange; Arne; Rempstone.
 Devon, Isle of Wight, Somerset, Wilts, Normandy.

- L. æmula, Brack.!** *Hay-scented Fern.*
L. feniseii, Watson. L. recurva, Newman.
Aspidium spinulosum, Benth. Brit. Fl. Aspidium dilatatum,
var. recurvum, Bree. Nephrodium æmulum, Baker. Hook.
Stud. Fl. p. 66.
 C. C. B. p. 412. Bab. Man. p. 436. Edwards's Ferns,
 p. 41.
 Rocky and sandy places; native; rare. P. July—
 September.
 A. Monckton Wyld near Gamekeeper's Lodge, *Rev. Z.*
Edwards.
 Devon, Hants, Somerset, Wilts, Normandy.

ATHYRIUM, Roth.

- A. Filix-fœmina, Roth.!** *Lady Fern.*
Filix mas non ramosa, pinnulis angustis raris profunde
dentatis, Ger. em. Polypodium Filix fœmina, L.
 C. C. B. p. 412. Newm. p. 328. Pult. p. 99.
 Woods and shady places; native; common. P. June,
 July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

ASPLENIUM, L.

- A. Trichomanes, L.!** *Maiden-hair Spleenwort.*
Trichomanes, sive Polytrichum officinarum, C. B. Pin.
 C. C. B. p. 413. Newm. p. 285. Pult. p. 99.
 Old walls and hedge-banks; native; frequent. P. April—
 December.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

A. marinum, L.! *Sea-Spleenwort.**Chamaefilix marina Anglica, J. B. P.*

C. C. B. p. 413. Newman, p. 275. Pult. p. 99. Bot. Guide, i. p. 233.

Johnson first mentions this as an English plant.

Rocks on the sea-coast; native; rare. P. June—October.

A. Lyme Regis, *Mr. E. Newman.*C. Rocks and cliffs in the Island of Portland, *Sir T. Cullum.*

G. Rocks, Tylly Whim; Dancing Ledge, Langton Matravers. Devon, Isle of Wight, Somerset, Normandy.

A. Adiantum-nigrum, L.! *Black Spleenwort.**Adiantum nigrum Officinatum, J. B. P.**A. nigrum, foliis longioribus, pulverulentis, pediculo nigro, C. B. Pin. Onopteris mas, Ger. em.*

C. C. B. p. 418. Newm. p. 255. Pult. p. 99.

Gerard remarks, "That it is called *Adiantum* (not wetted) because the leaf, as Theophrastus saith, is never wet, for it casteth off water that falleth thereon; being drowned and covered in water, it remaineth still as if it were dry, as Pliny likewise saith," p. 1137.

Dry shady hedges, or the roots and mossy timber of old trees, or rocks and walls; native; frequent. P. June—September.

B. Bradford Abbas, *Prof. Buckman.*

D. Bank between Chamberlayne's and Turner's Piddle.

E. Stalbridge Park-wall.

F. Hedge-banks near the turnpike-gate, Wimborne, on the Ringwood Road.

G. Kimeridge church-walls and road-side; hedge-banks, Kimeridge Hollow; hedges, Barnston, Steeple; road-side between Studland and Rempston.

Devon, Hants, Somerset, Wilts, Normandy.

A. Ruta-muraria, L.! *Wall Rue Spleenwort.**Ruta muraria, C. B. Pin. Ruta muraria, sive Salvia vitæ, Park.*

C. C. B. p. 414. Newm. p. 260. Pult. p. 99.

Old walls and rocks; native; common. P. June—October.

A. Eggardon Hill, north-west side, *Mr. Jefford.*B. Bradford Abbas, *Prof. Buckman*; walls, Sherborne, *Dr. Pulteney.*

C. Wool Bridge.

E. Walls, Shaftesbury, *Dr. Pulteney.*

- F. Eastbury Park-wall; Whatcombe Park-wall; Crichel; West Lodge.
 G. Walls, Smedmore.
 Devon, Hants, Somerset, Wilts, Normandy.

SCOLOPENDRIUM, Sm.

- S. *vulgare*, Sym. ! *Common Hart's-tongue*.
Phyllitis, seu Lingua cervina vulgaris, Park. Asplenium Scolopendrium, L.
 C. C. B. p. 414. Newman, p. 289. Pult. p. 99.
 Moist rocks, shady banks and old walls; native; very common. P. June, July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

BLECHNUM, L.

- B. *boreale*, Sm. ! *Hard Fern*.
Lonchitis aspera major, Ger. em. Osmunda spicant, L.
 C. C. B. p. 415. Newman, p. 89. Pult. p. 99.
 On rough heathy ground and moist shady hedges; native; common on the Tertiaries. P. May—July.
 A. Hook Park; Hawkechurch.
 C. Woods, Wool; Batcombe Hill, Minterne.
 D. Chamberlayne's Heath.
 F. Borders of Canford Heath, Merley, Dr. Pulteney; Houghton Wood; Park Wood.
 G. Grange Plantation.
 Devon, Hants, Somerset, Wilts, Normandy.

PTERIS, L.

- P. *aquilina*, L. ! *Common Brake*.
Filix fœmina, Ger. em. Filix ramosa major pinnulis non dentatis, C. B. Pin.
 C. C. B. p. 415. Newman, p. 93.
 Woods and heaths; native; common. P. June, July.
 Generally distributed.
 Devon, Hants, Somerset, Wilts, Normandy.

ADIANTUM, L.

- A. *Capillus Veneris*, L. † *True Maidenhair Fern*.
Capillus-Veneris verus, Raii Syn., Ger. em.
Adiantum foliis Coriandri, C. B. Pin.
 C. C. B. p. 415. Newman, p. 83.
 Moist rocks near the sea; native; very rare. P. May—September.

- C. Fissures of rocks at Portland on the west side of the Island,
Miss Payne.
 This rare fern was found and communicated to me by Miss
 Payne in the year 1868.
 Devon, Somerset, Normandy.

OSMUNDA, L.

- O. *regalis*, L. ! *Flowering-Fern*.
Filix fœm q. F. ramosa non dentata florida, C. B. Pin.
Filix florida seu Osmunda regalis, Ger. em.
 C. C. B. p. 416. Newman, p. 332. Edwards' Ferns, p. 26.
 Pult. p. 99.
 In boggy heaths and woods; native; not uncommon on the
 heath districts. P. June, July.
 A. Hawkchurch; Monckton Wylde; Beaminster, Meerhayes,
Rev. Z. Edwards.
 C. East Lulworth, *Mr. H. P. B. Norris*; boggy places, West
 Knighton Heath; Owre Mill; Moreton Heath.
 D. Near Sandford Bridge, *Dr. Pulteney*; Wareham Heath near
 the third mile-stone from Wareham on the Bere turnpike.
 F. In a hollow way between Cogdean Elms and Merly, *Dr.*
Pulteney; moist wood near St. Leonard's Bridge, between
 Wimborne and Ringwood.
 G. Studland Heath on the west side of Little Sea; between
 Stoborough and Holme near the river; Wareham Heath.
 Devon, Hants, Somerset, Wilts, Normandy.

BOTRYCHIUM, Sw.

- B. *Lunaria*, Sw. ! *Moonwort*.
Lunaria minor, *Raii Syn.*, Ger. em.
 C. C. B. p. 416. Newman, p. 337. Edwards's Ferns, p. 21.
 Pult. p. 99.
 In pastures, meadows and downs; native; rare. P. May,
 June.
 A. Hawkchurch, south of Fishpond Bottom, near Lambert's
 Castle, *Rev. Z. Edwards*; field at Eggardon, *Mrs. Reid*.
 C. Poundbury, Dorchester.
 D. Trigon Hill, *Mr. Wilcox*; Morden Park, rough ground
 before arriving at the lake from the Bere road.
 E. Meadows near Sturminster Newton, *Dr. Pulteney*.
 F. Mildown, Blandford, *Rev. E. L. Stuart*.
 Devon, Hants, Somerset, Wilts, Normandy.

OPHIOGLOSSUM, L.

- O. *vulgatum*, L. ! *Adder's-Tongue*.
Ophioglossum, Ger. em. O. *seu lingua Serpentina*, Park.

C. C. B. p. 416. Newman, p. 349. Edwards's Ferns, p. 19. Pult. p. 99.

In pastures and woods; native; frequent. P. May—September.

- A. Fields near the railway-station, Bridport, and at Eggerdon, *Mrs. Reid*; fields near the base of Tytherleigh Hill, Chardstock; fields, Charmouth, near the pathway to Wootton Fitzpaine, *Rev. Z. Edwards*.
- B. Bradford Abbas, *Prof. Buckman*; Bubbs Down, Melbury, *Earl of Ilchester*.
- C. Pastures between Stafford and West Knighton, *Mr. W. B. Barrett*; meadows near the cemetery, Weymouth.
- D. Bere Regis, in a meadow near the chalk-pit on the road to Wareham; rough ground near the third mile-stone from Wareham on the Bere turnpike.
- E. Meadows below Melcombe Park.
- F. In Langton Parish and Blandford St. Mary, *Dr. Pulteney*; West Kingston Down, *Mrs. F. Warre*; Decoy Copse; High Hall; Longthorns Copse.
- G. Meadow near Hyde Wood, Steeple.
Devon, Hants, Somerset, Wilts, Normandy.

EQUISETACEÆ.

EQUISETUM, L.

- E. maximum, Lam.!** *Great Water Horse-tail.*
Equisetum majus, Ger. em. *E. fluviatile*, L. *E. Telmateia*, Ehrh. Pult. p. 89.
C. C. B. p. 419. Newman, p. 67.
In watery places and boggy woods; native; frequent. P. April.
- A. Shipton Hill near Bridport, *Dr. Pulteney*; Puncknoll Wood; Melbury Wood.
- C. Crevices of the rocks on the eastern side of Portland, *Dr. Pulteney*; cliffs, north of Sandsfoot Castle, *Mr. W. B. Barrett*; near Burcombe, *Mr. E. Foster, Jun.*; Portland, where there are springs, *Rev. H. E. Fox*; cliffs, Holworth.
- E. Here and there on the banks of the Stour, *Dr. Pulteney*; Melcombe Park.
- F. Crichel Lake.
- G. Encombe Wood, and divers places from thence to Swanage, *Dr. Pulteney*; Gadcliff.
Devon, Hants, Somerset, Wilts, Normandy.
- E. arvense, L.!** *Corn Horse-tail.*
E. arvense longioribus setis, C. B. Pin. *E. segetale* et *E. sylvaticum*, Ger. em.

C. C. B. p. 419. Newman, p. 77.

In moist corn-fields and meadows; native; common. P.
March—April.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

E. sylvaticum, L.! Wood Horse-tail.

C. C. B. p. 419. Newman, p. 59. Pult. p. 98.

Moist shady woods and hedge-rows; native; not common.

P. April, May.

- A. Flax-pool by Bozebarrow, near Bridport, *Dr. Pulteney*;
Symondsburry, *Rev. E. Fox*; Monckton Wyld, *Rev. L.*
Lester; Wootton Fitzpaine (abundant); Hook Park.

Devon, Hants, Somerset, Wilts, Normandy.

E. palustre, L.! Marsh Horse-tail.

Equisetum palustre, Ger. em.

C. C. B. p. 420. Newman, p. 43.

Spongy bogs; native; common. P. June, July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

E. limosum, L.! Smooth naked Horse-tail.

E. nudum lævius nostras, Raii Syn.

C. C. B. p. 420. Newman, p. 51.

In marshy and wet places; native; common. P. June,
July.

Generally distributed.

Devon, Hants, Somerset, Wilts, Normandy.

MARSILEACEÆ.

PILLULARIA, L.

P. globulifera, L.! Pillwort.

Graminifolia palustris repens, vasculis granorum Piperis æmulis, Raii Syn.

Cyb. Brit. iii. p. 299. C. C. B. p. 418. Newman, p. 393.
Pulteney, p. 99.

Borders of lakes and on gravelly heaths that are partially
overflowed; native; rare. P. June, July.

- F. By the road-side in inundated places between Corfe Mullen
and Poole and about the eleventh mile-stone between
Woodbury Hill and Wareham; about Sandford Bridge;
salt-pits at Poole, *Dr. Pulteney*; watery places on the
heath between Alderholt and Verwood.

Devon, Hants, Somerset, Wilts, Normandy.

LYCOPODIACEÆ.

LYCOPODIUM, L.

L. clavatum, L.! *Common Club-Moss.**Muscus clavatus seu Lycopodium, Ger. em., Park.*

C. C. B. p. 417. Newman, p. 353. Pult. p. 98.

Heaths and woods; native; rare. P. July, August.

F. On the heath beyond Wimborne, to the west of Ringwood,
Dr. Pulteney; Clenston Wood and Houghton Wood.G. On Wareham Heath, *Dr. Pulteney*.

Devon, Hants, Somerset, Wilts, Normandy.

L. inundatum, L.! *Marsh Club-Moss.**Muscus terrestris repens, clavis singularibus foliosis erectis.**Raii Syn.*

C. C. B. p. 417. Newman, p. 369. Pult. p. 98.

Boggy heaths; native; frequent in the heath district. P.
August, September.

C. Moreton Heath.

D. Between Woodbury Hill and Wareham; between Sherford
and Sandford Bridges, *Dr. Pulteney*; Chamberlayne's
Heath; Bloxworth.F. Heaths between Corfe Mullen and Poole, *Dr. Pulteney*;
Litchet Heath.

G. Grange Heath; Studland Heath.

Devon, Hants, Somerset, Wilts, Normandy.

L. Selago, L. *Fir Club-Moss.**Selago foliis et facie abietis, Raii Syn.*

C. C. B. p. 418. Newman, p. 375. Pult. p. 98.

Heaths; native; very rare. P. June—August.

D. On the heath beyond Bere, on the road to Woolbridge;
heath between Sherford Bridge and Wareham, *Dr.*
Pulteney.

Not confirmed since Pulteney's time.

Devon, Hants, Somerset, Wilts, Normandy.

The preceding pages show that of the 1428 British plants comprised in the London Catalogue, 989 have been found within the limits of our county, including 26 which are probably extinct and 68 aliens. There are also 36 sub-species and 44 varieties.

APPENDIX I.

When the Dorset *Flora* was passing through the Printers' hands, Mr. H. C. Watson kindly presented me with a copy of the first part of his Topographical Botany (including the Dicotyledonous orders), by which I am enabled to make the following Comital additions to the text. I regret much the valuable and important information it contains had not been available before my work had advanced too far to enable me to incorporate only a small portion of it in the body of the volume.

Ranunculus Drouetti, Devon, Hants.

„ *Lenormandi*, Devon, Somerset, Wilts.
Helleborus viridis, Hants.

„ *fætidus*, Hants.

Papaver dubium, Devon, Somerset.

Fumaria pallidiflora, Devon, Isle of Wight, Somerset.

„ *confusa*, Devon, Isle of Wight.

Teesdalia nudicaulis, Hants.

Iberis amara, Somerset, Wilts.

Lepidium ruderales, Devon, Hants, Somerset, Normandy.

Cochlearia danica, Hants.

Cardamine amara, Wilts.

Turritis glabra, Wilts, Normandy.

Erysimum cheiranthoides, Wilts.

Sinapis tenuifolia, Hants.

Raphanus Raphanistrum, Wilts.

Drosera anglica, Devon, Somerset.

Sagina ciliata, Devon.

„ *subulata*, Somerset.

Spergularia neglecta, Devon, Isle of Wight, Somerset.

Arenaria tenuifolia, Hants.

Stellaria glauca, Hants.

Cerastium arvense, Hants.

Geranium pusillum, Hants.

Genista tinctoria, Hants.

Medicago denticulata, Wilts.

Trifolium maritimum, Hants.

Lotus tenuis, Isle of Wight.

Astragalus glycyphyllos, Isle of Wight.

Lathyrus Aphaca, Hants.

- Prunus Avium*, Somerset.
 „ *Cerasus*, Wilts.
Geum intermedium, Hants.
Potentilla procumbens, Devon, Hants, Somerset.
Comarum palustre, Wilts.
Rosa tomentosa, Hants.
 „ *systyla*, Devon.
Epilobium angustifolium, Devon, Hants.
Myriophyllum verticillatum, Hants, Somerset.
Ceratophyllum demersum, Devon.
Chrysosplenium alternifolium, Devon.
Hydrocotyle vulgare, Wilts.
Pimpinella magna, Hants.
Sium latifolium, Devon, Hants.
Bupleurum tenuissimum, Devon.
Oenanthe Lachenalii, Wilts.
Dipsacus pilosus, Hants.
Lactuca virosa, Devon, Somerset.
Hieracium murorum, Devon, Hants, Somerset, Wilts, Normandy.
Arnoseris pusilla, Hants.
Diotis maritima, Devon, Isle of Wight.
Artemisia Absinthium, Devon, Somerset.
Gnaphalium sylvaticum, Hants.
Filago minima, Somerset.
 „ *spathulata*, Hants.
Inula Pulicaria, Wilts.
Campanula patula, Hants.
Phyteuma orbiculare, Hants.
Cuscuta europæa, Devon.
Atropa Belladonna, Hants.
Veronica Buxbaumii, Devon, Hants, Somerset, Wilts, Normandy.
Orobanche elatior, Hants.
 „ *Hederæ*, Devon, Hants, Somerset, Wilts.
Mentha sylvestris, Hants.
 „ *Pulegium*, Devon, Hants, Somerset, Wilts.
Littorella lacustris, Wilts.
Polygonum mite, Isle of Wight.
 „ *minus*, Hants.
Rumex pratensis, Wilts.

APPENDIX II.

GEOGRAPHICAL RANGE OF PLANTS.

The following comparison of the Dorset *Flora* with that of Great Britain, as set forth by Mr. H. C. Watson in the fourth volume of his *Cybele Britannica*, which gives the relative frequency of all the native British species as compared with each other, and which divides Great Britain into thirty-eight groups, shows us, that, of the 212 commonest species comprised in the thirty-sixth to the thirty-eighth, there is not one missing.

Of the forty-one species comprised in No. 35 group one only is missing:

Rosa mollis.

Of the one hundred and seventy-two species comprised in Nos. 31 to 34 we only want one:

Eriophorum vaginatum.

Of the one hundred and fifteen species comprised in Nos. 28 to 30 two are missing:

Gnaphalium dioicum,

Thalictrum minus,

and probably

Cystopteris fragilis.

Of the thirty-two species comprised in No. 27 there are missing:

Hypericum dubium,

Geranium sanguineum,

Carex curta.

Of the twenty-eight species comprised in No. 26 there are missing:

Galeopsis versicolor,

Vaccinium Oxycoccus,

Potamogeton heterophyllus.

Of the twenty-six species comprised in No. 25 there are missing:

Empetrum nigrum,

Potamogeton rufescens.

Of the twenty-eight species comprised in No. 24 there are missing:

Pyrola minor.

Of the twenty-seven species comprised in No. 23 there are missing:

Polypodium Dryopteris,
Rubus saxatilis,

and probably

Carex teretiuscula.

Of the thirty-one species comprised in No. 22 there are missing:

Viola lutea,
Allosurus crispus,
Dianthus deltoides,
Lycopodium alpinum.

Of the twenty-six species comprised in No. 21 there are missing:

Myrrhis odorata,
Listera cordata,
Vaccinium Vitis-Idæa.

Of the seventeen species comprised in No. 20 there are missing:

Trollium europæus,
Hymenophyllum Wilsoni.

Of the twenty-nine species comprised in No. 19 there are missing:

Crepis paludosa,
Lycopodium selaginoides,
Saxifraga hypnoides,
Equisetum hyemale,
Dianthus Armeria.

Of the twenty-four species comprised in No. 18 there are missing:

Carduus heterophyllus,
Galium boreale,
Stellaria nemorum,
Carex filiformis.

Of the twenty-seven species comprised in No. 17 there are missing:

Habenaria albida,
Astragalus hypoglottis,
Limosella aquatica,
Epilobium roseum,
Ciuta virosa,

and probably

Turritis glabra.

Of the twenty species comprised in No. 16 there are missing:

Geranium sylvaticum,
Melica nutans,
Sedum Rhodiola,
Asplenium viride,
Lobelia Dortmanna,
Senecio viscosus.

We have now arrived at a stage of our comparison when the ratio of missing plants increases rapidly; of the 861 British plants comprised between the thirty-eighth and the fifteenth group of Mr. Watson, we only want forty-eight, including three doubtful ones of Dr. Pulteney; of the 235 species included between groups 15 and 7, we have one hundred and eleven, and of the forty-nine species comprised in No. 6 we have only eleven.

Verbascum Blattaria,
Arnoseris pusillus,
Trifolium maritimum,
Sagina ciliata,
Polygonum mite,
Erodium moschatum,
Salicornia radicans,
Cyperus longus,
Vicia gracilis,
Polygonum dumetorum,
Aconitum Napellus.

ERRATA.

Page	73,	line	18,	<i>for</i>	Blackminston;	<i>read</i>	Blackminston,
"	75,	"	13,	"	Hook	"	Hook.
"	110,	"	5,	"	<i>Ehch</i>	"	<i>Ehrh</i>
"	132,	"	26,	"	Goat-weed	"	Gout-weed.
"	137,	"	13,	"	Anglica	"	Angelica.
"	142,	"	22,	"	Mugwort	"	Crosswort.
"	149,	"	4,	"	hirtum	"	hirta.
"	153,	"	9,	"	Dens Leonis	"	Dens-leonis.
"	157,	"	29,	"	Carbine	"	Carline.
"	247,	"	2,	"	for it	"	for it."
"	261,	"	25,	"	Rhyncospora	"	Rhynchospora.
"	263,	"	4,	"	Savi's	"	Savi's.
"	265,	"	9,	"	Schultz	"	Schultes.
"	279,	"	35,	"	Roem	"	Roem.
"	294,	"	16,	"	i.	"	vol. i.
"	297,	"	38,	"	Fern	"	Shield-Fern.
"	299,	"	6,	"	cristatus	"	cristatum.
"	57,	"	21,	<i>place * before</i>	I. amara.		
"	79,	"	36,	"	* "	L. usitatissima.	
"	110,	"	5,	"	* "	F. elatior.	
"	119,	"	18,	"	* "	œ. bienns.	
"	166,	"	28,	"	* "	C. Parthenium.	
"	202,	"	8,	"	* "	P. Sylvestris.	

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TO THE

ORDERS AND GENERA.

*. The names in *italics* are synonyms.

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